

# ***GeoGravGOCE***

***Geoid and Gravity Field Modelling by  
GOCE Satellite Gradients  
and Terrestrial Data***

WP 2: Satellite and local data collection  
TSK2200: Data collection, archiving, and homogenization

**DELIVERABLE**

***ANNEX\_1: Report on the data collected for GeoGravGOCE realization***



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## Abstract

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This annex refers to DL2110 : Report on the data collected for GeoGravGOCE realization and includes all the raw gravity data collected from CG-5 and draft papers where measurements are written.





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# 1.

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## GeoGravGOCE DL2110 ANNEX 1

### 1.1 CG-5 gravity measurements

Since the start of the project 12, measurement campaigns have been carried out until now, on the dates presented on Table 1. In figures and tables below, the raw data of CG-5 measurements and gravity filed papers will be presented.

**Table 1:** Dates of Gravity Measurement Campaigns

Campaign	Date	Campaign	Date
1 <sup>st</sup>	18-02-2020	7 <sup>th</sup>	07-09-2020
2 <sup>nd</sup>	19-02-2020	8 <sup>th</sup>	09-09-2020
3 <sup>rd</sup>	03-06-2020	9 <sup>th</sup>	10-09-2020
4 <sup>th</sup>	05-06-2020	10 <sup>th</sup>	11-09-2020
5 <sup>th</sup>	21-07-2020	11 <sup>th</sup>	09-10-2020
6 <sup>th</sup>	22-07-2020	12 <sup>th</sup>	16-10-2020

### 1.2 CG-5 data

Before the raw gravity data, one label with CG-5 set up parameters (Gref, Gcall, Tilt x, Tilt y, Temp, Drift, Drift start), CG-5 options with the corrections that are applied to the data and information about the survey, is provided.

**Table 2:** CG-5 parameters

CG-5	SETUP	PARAMETERS
Gref:	0	
Gcal1:	9092.746	
TiltxS:	637.589	
TiltyS:	603.151	
TiltxO:	-6.425	
TiltyO:	-9.655	
Tempco:	-0.107	
Drift:	0.294	
DriftTime	Start:	15:03:13
DriftDate	Start:	30-04-18

CG-5	OPTIONS	
Tide	Correction:	YES
Cont.	Tilt:	NO
Auto	Rejection:	YES
Terrain	Corr.:	NO
Seismic	Filter:	YES
Raw	Data:	NO

CG-5	SURVEY	
Survey	name:	geogravgoce
Instrument	S/N:	40268
Client:	geograv	
Operator:	gsv	
Date:	2020/	Feb-18
Time:	4:38:53	
LONG:	79.6	W
LAT:	43.9	N
ZONE:	0	
GMT	DIFF.:	4



**Table 3: CG-5 raw data**

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.63186	22.9626	71.9	4683.616	0.01	-1.3	1	-0.43	-0.049	60	0	4:39:15	43847.19	0	18-02-20
40.63186	22.9626	71.9	4683.617	0.013	-1.3	0.9	-0.43	-0.049	60	7	4:40:21	43847.19	0	18-02-20
40.63186	22.9626	71.9	4683.615	0.007	-1.2	0.8	-0.43	-0.049	60	0	4:41:27	43847.2	0	18-02-20
40.24295	23.29709	41.9	4648.252	0.033	3.3	-1.6	-0.14	-0.053	60	0	5:47:16	43847.24	0	18-02-20
40.24295	23.29709	41.9	4648.258	0.034	4.8	-2.1	-0.11	-0.053	60	0	5:48:22	43847.24	0	18-02-20
40.24295	23.29709	41.9	4648.258	0.037	7.5	-2.6	-0.1	-0.053	60	0	5:49:28	43847.24	0	18-02-20
40.32552	23.44794	256.1	4638.459	0.011	-8.9	-8.1	-0.65	-0.056	60	18	6:23:53	43847.27	0	18-02-20
40.32552	23.44794	256.1	4638.459	0.012	-8	-8.5	-0.66	-0.056	60	0	6:24:59	43847.27	0	18-02-20
40.32552	23.44794	256.1	4638.458	0.008	-6.5	-8.9	-0.67	-0.056	60	38	6:26:05	43847.27	0	18-02-20
40.22088	23.6714	37.2	4634.451	0.023	-6.1	-4.4	-0.16	-0.059	60	30	7:07:34	43847.3	0	18-02-20
40.22088	23.6714	37.2	4634.455	0.015	-2.8	-6.3	-0.17	-0.059	60	16	7:08:40	43847.3	0	18-02-20
40.22088	23.6714	37.2	4634.458	0.025	-2	-7.8	-0.17	-0.059	60	0	7:09:46	43847.3	0	18-02-20
40.24297	23.29709	31.2	4648.238	0.049	-1.8	1	-0.21	-0.059	60	0	7:59:41	43847.33	0	18-02-20
40.24297	23.29709	31.2	4648.241	0.045	-1.3	3.5	-0.2	-0.059	60	0	8:00:47	43847.33	0	18-02-20
40.24297	23.29709	31.2	4648.24	0.05	-1.2	4.8	-0.19	-0.059	60	0	8:01:53	43847.33	0	18-02-20
40.24297	23.29709	31.2	4648.242	0.038	-1.7	4.3	-0.19	-0.059	60	0	8:03:35	43847.34	0	18-02-20
40.24297	23.29709	31.2	4648.24	0.04	-2.6	4.5	-0.2	-0.059	60	0	8:04:41	43847.34	0	18-02-20
40.24297	23.29709	31.2	4648.24	0.033	-2.9	5.4	-0.22	-0.059	60	0	8:05:47	43847.34	0	18-02-20
40.24297	23.29709	31.2	4683.589	0.01	-2.1	-0.7	-0.27	-0.052	60	0	8:57:54	43847.37	0	18-02-20
40.24297	23.29709	31.2	4683.59	0.011	-1.1	-0.9	-0.26	-0.052	60	4	8:59:00	43847.37	0	18-02-20
40.24297	23.29709	31.2	4683.594	0.01	0	-1.5	-0.26	-0.052	60	0	9:00:06	43847.37	0	18-02-20
40.24297	23.29709	31.2	4683.665	0.009	1.8	1	-0.37	-0.049	60	0	6:41:14	43848.28	0	19-02-20
40.24297	23.29709	31.2	4683.662	0.006	1.8	0.8	-0.37	-0.049	60	0	6:42:20	43848.28	0	19-02-20
40.24297	23.29709	31.2	4683.662	0.008	1.8	0.7	-0.37	-0.049	60	3	6:43:26	43848.28	0	19-02-20
40.62513	22.96074	23.7	4688.87	0.195	-2.6	-1.5	-0.25	-0.053	60	59	7:07:09	43848.3	0	19-02-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.61811	22.96236	32.5	4686.373	0.03	-0.1	-4.6	-0.26	-0.055	60	16	7:19:21	43848.3	0	19-02-20
40.61242	22.96376	32.5	4685.396	0.065	0.7	4.5	-0.16	-0.057	60	11	7:33:21	43848.31	0	19-02-20
40.60424	22.96871	25.7	4681.323	0.076	-2.3	-4.2	-0.13	-0.059	60	7	7:47:26	43848.32	0	19-02-20
40.59421	22.97162	22.7	4675.262	0.024	3.2	-10.6	-0.19	-0.06	60	5	7:58:15	43848.33	0	19-02-20
40.58739	22.97312	77.8	4664.213	0.035	0.1	-1	-0.19	-0.062	60	1	8:07:56	43848.34	0	19-02-20
40.58432	22.98205	72.1	4661.113	0.049	-1.6	3.2	-0.2	-0.062	60	24	8:15:59	43848.34	0	19-02-20
40.57624	22.98796	85.9	4655.887	0.024	4.3	-2.9	-0.15	-0.063	60	1	8:23:51	43848.35	0	19-02-20
40.56722	22.99665	87.4	4655.113	0.018	-3.4	6.2	-0.15	-0.064	60	8	8:34:46	43848.36	0	19-02-20
40.56722	22.99665	87.4	4651.488	0.015	-0.7	-0.6	-0.19	-0.064	60	3	8:45:38	43848.36	0	19-02-20
40.55687	23.01147	88.9	4653.18	0.059	-4.1	-1.4	-0.21	-0.064	60	25	9:01:20	43848.38	0	19-02-20
40.55235	23.01798	58.1	4652.861	0.033	-1.7	-0.1	-0.11	-0.064	60	11	9:10:46	43848.38	0	19-02-20
40.54646	23.02767	78.3	4654.93	0.018	-12	-6.8	-0.02	-0.063	60	3	9:25:12	43848.39	0	19-02-20
40.54084	23.0246	52.4	4651.167	0.046	-3.3	-5.4	-0.33	-0.062	60	9	9:34:46	43848.4	0	19-02-20
40.53679	23.03576	72.6	4651.623	0.018	2	1.3	-0.41	-0.061	60	0	9:41:38	43848.4	0	19-02-20
40.52979	23.04315	48.8	4652.163	0.033	-13.1	-2.4	-0.32	-0.06	60	13	9:48:23	43848.41	0	19-02-20
40.5238	23.05089	37.9	4650.199	0.036	-5.3	-0.4	-0.26	-0.059	60	23	9:55:57	43848.41	0	19-02-20
40.51852	23.06324	42.3	4651.809	0.084	-0.9	-2.2	-0.25	-0.057	60	0	10:02:53	43848.42	0	19-02-20
40.51391	23.07407	56.8	4652.222	0.015	-1.4	-0.7	-0.2	-0.055	60	32	10:14:12	43848.43	0	19-02-20
40.50649	23.08899	63.1	4647.181	0.025	1.3	-4.5	-0.31	-0.052	60	14	10:22:54	43848.43	0	19-02-20
40.5012	23.0977	54.9	4643.08	0.021	-0.1	4	-0.23	-0.049	60	9	10:33:21	43848.44	0	19-02-20
40.49569	23.0889	38.1	4640.233	0.048	-3	-2.5	-0.23	-0.046	60	4	10:42:11	43848.45	0	19-02-20
40.48584	23.08792	60.1	4632.211	0.017	1.6	-1.3	-0.25	-0.043	60	3	10:52:40	43848.45	0	19-02-20
40.47597	23.08704	100.8	4625.616	0.016	1.2	-2.3	-0.14	-0.039	60	18	11:03:03	43848.46	0	19-02-20
40.47326	23.09025	94.2	4624.9	0.028	-6.8	-0.4	-0.13	-0.035	60	19	11:10:38	43848.46	0	19-02-20
40.24291	23.29709	27.7	4648.371	0.037	-10.1	5.3	-0.29	-0.01	60	0	12:00:50	43848.5	0	19-02-20
40.24291	23.29709	27.7	4648.373	0.036	-12.7	10.4	-0.27	-0.009	60	0	12:01:56	43848.5	0	19-02-20
40.24291	23.29709	27.7	4648.373	0.035	-14.5	15.5	-0.26	-0.009	60	0	12:03:02	43848.5	0	19-02-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.24291	23.29709	27.7	4683.751	0.005	-7.7	-2.5	-0.19	0.026	60	0	13:01:08	43848.54	0	19-02-20
40.24291	23.29709	27.7	4683.751	0.006	-7.5	-3	-0.19	0.026	60	0	13:02:14	43848.54	0	19-02-20
40.24291	23.29709	27.7	4683.753	0.006	-7	-3.4	-0.18	0.027	60	4	13:03:20	43848.54	0	19-02-20
0	0	0	4689.325	0.006	1.2	-1.8	-0.4	0.095	60	0	4:11:14	43953.17	0	03-06-20
0	0	0	4689.327	0.006	2.4	-1.9	-0.39	0.096	60	0	4:12:20	43953.17	0	03-06-20
0	0	0	4689.327	0.005	3.4	-2.3	-0.4	0.097	60	0	4:13:26	43953.18	0	03-06-20
0	0	0	4689.33	0.009	-0.6	-1.9	-0.42	0.1	60	0	4:15:54	43953.18	0	03-06-20
0	0	0	4689.329	0.005	-0.4	-2.3	-0.44	0.101	60	0	4:17:00	43953.18	0	03-06-20
0	0	0	4689.33	0.006	-0.2	-2.5	-0.46	0.102	60	0	4:18:06	43953.18	0	03-06-20
40.62751	22.95895	25.2	4695.925	0.015	-2.2	0.6	-0.56	0.129	60	17	4:35:51	43953.19	0	03-06-20
40.62751	22.95895	25.2	4695.927	0.008	-2	0.7	-0.56	0.129	60	0	4:36:57	43953.19	0	03-06-20
40.62751	22.95895	25.2	4695.926	0.012	-1.8	0.6	-0.56	0.129	60	3	4:38:03	43953.19	0	03-06-20
40.46345	23.09281	175.7	4615.214	0.012	9.6	2.5	-0.22	0.128	60	28	5:24:25	43953.22	0	03-06-20
40.45609	23.09176	265.7	4600.183	0.017	1.6	-3.6	-0.35	0.119	60	5	5:57:35	43953.25	0	03-06-20
40.4481	23.08912	269.9	4595.319	0.019	2.6	1.3	-0.66	0.113	60	6	6:11:36	43953.26	0	03-06-20
40.43939	23.09424	212.8	4607.343	0.013	-9.1	-14.1	-0.54	0.109	60	0	6:20:27	43953.26	0	03-06-20
40.43263	23.09837	189.6	4612.065	0.024	11.6	10.4	-0.47	0.106	60	0	6:25:30	43953.27	0	03-06-20
40.43805	23.09093	234.6	4600.971	0.033	-4.5	-8.6	-0.43	0.101	60	15	6:34:12	43953.27	0	03-06-20
40.43317	23.08042	194.8	4606.776	0.023	-7.1	18	-0.44	0.098	60	2	6:40:07	43953.28	0	03-06-20
40.42959	23.07487	183.2	4606.552	0.025	-3.9	-5	-0.47	0.095	60	1	6:45:21	43953.28	0	03-06-20
40.43225	23.05781	237.8	4597.442	0.025	-0.9	-4.3	-0.46	0.091	60	20	6:51:38	43953.29	0	03-06-20
40.43342	23.04656	234.9	4600.283	0.035	2.7	0.6	-0.43	0.088	60	3	6:56:28	43953.29	0	03-06-20
40.42651	23.04306	192.6	4603.731	0.027	0	-2.5	-0.42	0.082	60	0	7:04:57	43953.29	0	03-06-20
40.42695	23.03289	201.1	4601.091	0.055	4.5	-13.6	-0.42	0.076	60	2	7:12:46	43953.3	0	03-06-20
40.42787	23.02487	172.2	4605.411	0.03	4.9	-9.2	-0.45	0.068	60	1	7:24:05	43953.31	0	03-06-20
40.4209	23.0225	159.7	4606.643	0.045	-4.6	-2.3	-0.76	0.055	60	19	7:40:30	43953.32	0	03-06-20
40.41389	23.02264	132.4	4610.862	0.043	-1.3	-5.8	-0.7	0.052	60	0	7:45:08	43953.32	0	03-06-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.40577	23.02665	115.4	4612.325	0.05	-8.7	-1.9	-0.63	0.046	60	0	7:52:12	43953.33	0	03-06-20
40.39844	23.03155	140.2	4608.926	0.065	16.9	-1.2	-0.57	0.042	60	0	7:57:25	43953.33	0	03-06-20
40.39575	23.03526	127.7	4608.782	0.083	-0.5	-4.7	-0.53	0.037	60	12	8:03:09	43953.33	0	03-06-20
40.39575	23.03526	127.7	4608.778	0.132	-2.6	-7.3	-0.52	0.036	60	5	8:04:36	43953.34	0	03-06-20
40.39862	23.04715	120.9	4613.328	0.061	7.4	2.7	-0.53	0.031	60	2	8:10:42	43953.34	0	03-06-20
40.39342	23.05411	114.1	4613.275	0.039	-3.2	-2.1	-0.53	0.027	60	0	8:15:22	43953.34	0	03-06-20
40.24279	23.29709	33.2	4653.705	0.052	-16.3	-13.9	-0.67	0	60	0	8:48:34	43953.37	0	03-06-20
40.24279	23.29709	33.2	4653.701	0.044	-24.4	-19.4	-0.66	-0.001	60	0	8:49:40	43953.37	0	03-06-20
40.24279	23.29709	33.2	4653.704	0.046	-33.3	-28.8	-0.65	-0.002	60	0	8:50:46	43953.37	0	03-06-20
40.6272	22.95883	40.2	4695.61	0.013	-13.7	3	-0.75	-0.044	60	8	9:48:47	43953.41	0	03-06-20
40.6272	22.95883	40.2	4695.611	0.014	-13.7	3.4	-0.73	-0.045	60	1	9:49:53	43953.41	0	03-06-20
40.6272	22.95883	40.2	4695.608	0.028	-13.8	3.5	-0.71	-0.045	60	20	9:50:59	43953.41	0	03-06-20
40.62753	22.95896	0	4689.022	0.009	-0.9	1	-0.59	-0.053	60	0	10:02:39	43953.42	0	03-06-20
40.62753	22.95896	0	4689.023	0.006	0.2	1.1	-0.57	-0.053	60	0	10:03:45	43953.42	0	03-06-20
40.62753	22.95896	0	4689.024	0.006	1.3	0.9	-0.55	-0.054	60	0	10:04:51	43953.42	0	03-06-20
40.62753	22.95896	0	4689.024	0.006	2	0.6	-0.54	-0.054	60	0	10:06:27	43953.42	0	03-06-20
40.62753	22.95896	0	4689.023	0.007	2.7	0.3	-0.54	-0.056	60	0	10:07:33	43953.42	0	03-06-20
40.62753	22.95896	0	4689.024	0.005	3.1	0	-0.55	-0.056	60	0	10:08:39	43953.42	0	03-06-20
40.62753	22.95896	0	4689.486	0.008	-0.1	-0.9	-0.3	0.122	60	0	4:21:47	43955.18	0	05-06-20
40.62753	22.95896	0	4689.489	0.009	0.4	-1.2	-0.29	0.122	60	0	4:22:53	43955.18	0	05-06-20
40.62753	22.95896	0	4689.49	0.006	0.8	-1.8	-0.28	0.123	60	0	4:23:59	43955.18	0	05-06-20
40.62753	22.95896	0	4696.07	0.02	-7	0.8	-0.4	0.132	60	7	4:36:44	43955.19	0	05-06-20
40.62753	22.95896	0	4696.075	0.011	-6.5	0.1	-0.4	0.132	60	0	4:37:50	43955.19	0	05-06-20
40.62753	22.95896	0	4696.075	0.01	-5.8	-0.5	-0.4	0.133	60	2	4:38:56	43955.19	0	05-06-20
40.60614	22.96366	28.2	4688.657	0.04	8.7	3.9	-0.29	0.142	60	6	4:55:06	43955.2	0	05-06-20
40.60614	22.96368	22.7	4688.604	0.044	-4.8	-2.8	-0.31	0.144	60	2	4:58:55	43955.21	0	05-06-20
40.60612	22.96372	0	4679.157	0.137	1.1	-1.3	-0.54	0.152	60	0	5:18:26	43955.22	0	05-06-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.60612	22.96372	0	4679.158	0.107	2	-1.3	-0.54	0.153	60	4	5:19:55	43955.22	0	05-06-20
40.58693	22.97039	40.9	4673.147	0.025	-3.9	-1.4	-0.53	0.156	60	0	5:27:25	43955.23	0	05-06-20
40.58693	22.97039	40.9	4666.29	0.031	0.6	-3	-0.46	0.158	60	9	5:35:58	43955.23	0	05-06-20
40.57692	22.9733	56.1	4665.436	0.028	-3.6	-5.8	-0.47	0.16	60	0	5:42:24	43955.24	0	05-06-20
40.568	22.97681	39.3	4665.212	0.02	0.3	2.7	-0.45	0.161	60	2	5:49:09	43955.24	0	05-06-20
40.56702	22.9854	46.4	4660.952	0.022	0.2	-2.1	-0.44	0.162	60	0	5:55:00	43955.25	0	05-06-20
40.564	22.98864	37.8	4662.609	0.03	-9.1	18.8	-0.42	0.163	60	10	6:00:31	43955.25	0	05-06-20
40.5602	22.99158	43.7	4662.46	0.038	24.3	-8.8	-0.4	0.163	60	4	6:07:40	43955.25	0	05-06-20
40.55399	22.99882	42.1	4658.451	0.035	-3.8	3	-0.43	0.164	60	3	6:13:26	43955.26	0	05-06-20
40.5473	23.00529	32.9	4657.081	0.036	15.2	-5.5	-0.46	0.163	60	9	6:19:42	43955.26	0	05-06-20
40.54268	23.00609	29.7	4656.287	0.035	1.6	-3.4	-0.51	0.163	60	6	6:25:21	43955.27	0	05-06-20
40.53884	23.00781	31.3	4655.162	0.093	-19.3	-7.1	-0.56	0.162	60	3	6:34:52	43955.27	0	05-06-20
40.5301	23.01264	18.8	4654.197	0.053	-4.8	11.6	-0.49	0.161	60	1	6:40:55	43955.28	0	05-06-20
40.52244	23.01063	9.7	4652.982	0.07	-3.5	-7.9	-0.48	0.16	60	6	6:47:28	43955.28	0	05-06-20
40.51396	23.00867	19.2	4649.82	0.104	-0.6	-5.9	-0.43	0.157	60	6	6:59:18	43955.29	0	05-06-20
40.5044	23.00577	34.1	4646.253	0.067	0.7	-15.8	-0.46	0.155	60	16	7:04:33	43955.29	0	05-06-20
40.49692	23.00107	35.2	4643.49	0.069	-0.1	-8.1	-0.7	0.153	60	0	7:11:13	43955.3	0	05-06-20
40.487	22.99685	104.1	4631.144	0.038	-8	1.2	-0.41	0.149	60	2	7:18:42	43955.3	0	05-06-20
40.48182	22.99235	148.7	4619.732	0.033	0.5	0.2	-0.42	0.146	60	5	7:26:47	43955.31	0	05-06-20
40.4678	22.99469	199.8	4606.362	0.058	-7.2	-3.9	-0.42	0.142	60	15	7:34:07	43955.31	0	05-06-20
40.45831	23.00072	240.8	4596.462	0.037	3.1	7.5	-0.42	0.139	60	0	7:41:05	43955.32	0	05-06-20
40.44113	23.01202	222.4	4597.937	0.043	-2.3	-3	-0.43	0.133	60	7	7:50:26	43955.33	0	05-06-20
40.43184	23.01735	190.4	4603.218	0.037	-12.7	-22.6	-0.37	0.119	60	0	8:10:34	43955.34	0	05-06-20
40.38822	23.03643	114.2	4610.238	0.055	-6.7	0.6	-0.42	0.108	60	3	8:26:15	43955.35	0	05-06-20
40.34916	23.06005	88.9	4614.121	0.08	-2.2	-2.5	-0.45	0.099	60	7	8:37:11	43955.36	0	05-06-20
40.31687	23.07906	64.1	4614.432	0.08	-17.3	-4.2	-0.43	0.09	60	7	8:47:44	43955.37	0	05-06-20
40.28983	23.14546	44.9	4621.872	0.075	17.4	-7.4	-0.39	0.081	60	6	8:57:44	43955.37	0	05-06-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.28077	23.1919	19.3	4630.593	0.051	-17.5	31.9	-0.38	0.076	60	17	9:04:13	43955.38	0	05-06-20
40.24294	23.29706	33.3	4653.858	0.046	-4.1	-16.2	-0.39	0.065	60	0	9:15:42	43955.39	0	05-06-20
40.24294	23.29706	33.3	4653.861	0.054	-3.2	-7.9	-0.39	0.064	60	0	9:17:12	43955.39	0	05-06-20
40.24294	23.29706	33.3	4653.857	0.042	-3.3	-14.6	-0.39	0.063	60	2	9:18:19	43955.39	0	05-06-20
40.62752	22.95897	26.2	4695.726	0.019	-6.3	3.3	-0.45	0.007	60	6	10:18:28	43955.43	0	05-06-20
40.62752	22.95897	26.2	4695.726	0.023	-5.6	2.3	-0.44	0.006	60	7	10:19:35	43955.43	0	05-06-20
40.62752	22.95897	26.2	4695.723	0.011	-6.4	-1.5	-0.47	0.003	60	1	10:23:40	43955.43	0	05-06-20
40.62752	22.95897	26.2	4689.131	0.008	-0.6	-3.4	-0.54	-0.008	60	0	10:37:23	43955.44	0	05-06-20
40.62752	22.95897	26.2	4689.13	0.011	0.4	-4	-0.54	-0.01	60	0	10:38:29	43955.44	0	05-06-20
40.62752	22.95897	26.2	4689.131	0.008	1.3	-4.5	-0.55	-0.01	60	0	10:39:35	43955.44	0	05-06-20
40.62752	22.9589	31.3	4696.95	0.008	-11.1	-2.6	-0.58	0.027	60	0	4:45:56	43979.2	0	29-06-20
40.62755	22.95892	22.7	4698.216	0.008	-1.2	-3.4	-0.87	0.08	60	2	4:21:03	44002.18	0	21-07-20
40.62755	22.95892	22.7	4698.216	0.013	-1	-3.8	-0.87	0.081	60	6	4:22:09	44002.18	0	21-07-20
40.62755	22.95892	22.7	4698.22	0.008	-0.9	-4.2	-0.87	0.082	60	0	4:23:14	44002.18	0	21-07-20
40.62755	22.95892	22.7	4698.216	0.013	-0.8	-4.5	-0.87	0.082	60	0	4:24:19	44002.18	0	21-07-20
40.62755	22.95892	22.7	4698.22	0.006	-0.6	-4.7	-0.87	0.083	60	0	4:25:25	44002.18	0	21-07-20
40.48926	23.12133	51.8	4647.325	0.069	-7.4	0.8	-0.58	0.115	60	35	5:02:59	44002.21	0	21-07-20
40.48679	23.1265	67.2	4646.964	0.04	15.9	0.7	-0.73	0.121	60	14	5:12:24	44002.22	0	21-07-20
40.48177	23.13031	66.8	4645.006	0.024	-4	2.8	-0.73	0.128	60	19	5:22:28	44002.22	0	21-07-20
40.47543	23.13479	75.5	4641.261	0.032	-6	4	-0.71	0.133	60	5	5:29:38	44002.23	0	21-07-20
40.46695	23.13238	101.4	4635.908	0.013	-36.5	25.8	-0.68	0.138	60	0	5:37:51	44002.23	0	21-07-20
40.46059	23.13466	131.1	4627.651	0.011	4.3	-1.3	-0.81	0.141	60	5	5:44:03	44002.24	0	21-07-20
40.45338	23.12994	193.4	4615.265	0.018	-18.1	11.6	-0.74	0.147	60	15	5:56:21	44002.25	0	21-07-20
40.45296	23.12128	224.3	4608.373	0.012	0.1	3.5	-0.64	0.155	60	2	6:16:21	44002.26	0	21-07-20
40.44648	23.12024	366.3	4582.275	0.022	40.3	49.4	-0.66	0.158	60	2	6:26:55	44002.27	0	21-07-20
40.44405	23.12812	431.6	4570.011	0.006	-1.4	-4	-0.68	0.159	60	0	6:33:19	44002.27	0	21-07-20
40.43796	23.13524	455.4	4567.124	0.01	-2	-2.5	-0.73	0.16	60	0	6:39:13	44002.28	0	21-07-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.43331	23.13197	396.7	4578.841	0.012	-4.6	-3.3	-0.75	0.162	60	5	6:48:00	44002.28	0	21-07-20
40.43225	23.12444	348.7	4585.648	0.017	2.1	-26.5	-0.66	0.162	60	0	7:08:44	44002.3	0	21-07-20
40.43768	23.1124	284.6	4598.635	0.01	-0.4	-5.3	-0.68	0.162	60	17	7:14:19	44002.3	0	21-07-20
40.43097	23.10026	185.3	4616.146	0.008	6.4	-0.8	-0.76	0.161	60	0	7:20:12	44002.31	0	21-07-20
40.43279	23.09441	221.2	4606.88	0.01	13.6	-6.5	-0.85	0.157	60	0	7:41:08	44002.32	0	21-07-20
40.42513	23.09648	210.8	4606.769	0.021	-0.4	0.3	-0.84	0.155	60	6	7:48:14	44002.32	0	21-07-20
40.41593	23.09718	188.4	4610.634	0.022	4.2	2.2	-0.84	0.153	60	2	7:54:13	44002.33	0	21-07-20
40.41133	23.10235	153.8	4617.109	0.023	-3.4	-2.2	-0.71	0.145	60	12	8:12:40	44002.34	0	21-07-20
40.40291	23.10006	125.8	4621.528	0.02	-7.1	-2.6	-0.62	0.136	60	3	8:29:42	44002.35	0	21-07-20
40.39941	23.09683	104.4	4620.974	0.034	-6.3	1.5	-0.68	0.131	60	5	8:39:09	44002.36	0	21-07-20
40.39776	23.09091	107.2	4621.888	0.067	-6.9	-4.9	-0.7	0.125	60	3	8:47:38	44002.37	0	21-07-20
40.39131	23.06043	112.9	4613.879	0.048	2.3	-0.1	-0.86	0.082	60	5	9:43:09	44002.4	0	21-07-20
40.24292	23.29707	28.2	4655.997	0.045	-1.3	-2.7	-0.8	0.042	60	0	10:24:54	44002.43	0	21-07-20
40.24292	23.29707	28.2	4655.996	0.041	2.1	1.1	-0.8	0.041	60	0	10:26:00	44002.43	0	21-07-20
40.24292	23.29707	28.2	4655.997	0.04	4.2	3.4	-0.8	0.04	60	0	10:27:05	44002.43	0	21-07-20
40.24292	23.29707	28.2	4655.996	0.04	7.4	4.4	-0.8	0.04	60	0	10:28:10	44002.44	0	21-07-20
40.24292	23.29707	28.2	4655.997	0.038	8.4	5.6	-0.81	0.039	60	0	10:29:16	44002.44	0	21-07-20
40.6275	22.95893	26.2	4697.861	0.013	-3.7	-0.2	-0.74	-0.018	60	3	11:33:47	44002.48	0	21-07-20
40.6275	22.95893	26.2	4697.862	0.011	-0.9	-0.3	-0.74	-0.019	60	0	11:34:53	44002.48	0	21-07-20
40.6275	22.95893	26.2	4697.863	0.013	0.4	-2.7	-0.74	-0.02	60	6	11:35:58	44002.48	0	21-07-20
40.6275	22.95893	26.2	4697.864	0.029	1.3	-3.6	-0.75	-0.02	60	11	11:37:03	44002.48	0	21-07-20
40.6275	22.95893	26.2	4697.869	0.025	2.7	-5.3	-0.76	-0.021	60	3	11:38:09	44002.48	0	21-07-20
40.62749	22.95888	30.2	4698.194	0.01	2.5	-0.8	-0.82	0.038	60	9	4:22:53	44003.18	0	22-07-20
40.62749	22.95888	30.2	4698.193	0.013	3.6	-1.3	-0.79	0.039	60	14	4:23:59	44003.18	0	22-07-20
40.62749	22.95888	30.2	4698.195	0.016	3.8	-1.7	-0.77	0.04	60	5	4:25:04	44003.18	0	22-07-20
40.62749	22.95888	30.2	4698.194	0.014	4	-2	-0.75	0.041	60	7	4:26:09	44003.18	0	22-07-20
40.62749	22.95888	30.2	4698.197	0.029	4	-2.3	-0.74	0.042	60	10	4:27:15	44003.19	0	22-07-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.4338	23.13808	424.8	4572.422	0.012	6.2	0.1	-1.23	0.094	60	0	5:28:26	44003.23	0	22-07-20
40.43262	23.14487	449.6	4564.07	0.019	-1.2	-0.1	-0.8	0.106	60	3	5:43:33	44003.24	0	22-07-20
40.42402	23.14622	404.3	4572.337	0.024	9.3	9.1	-0.75	0.11	60	11	5:49:37	44003.24	0	22-07-20
40.41266	23.14954	344.4	4580.872	0.039	-2	5.4	-0.77	0.114	60	6	5:55:53	44003.25	0	22-07-20
40.40381	23.15281	265.4	4597.539	0.019	5.3	11.9	-0.77	0.12	60	1	6:04:57	44003.25	0	22-07-20
40.39878	23.15654	279.4	4593.109	0.026	7.5	-14	-0.79	0.123	60	23	6:10:59	44003.26	0	22-07-20
40.39352	23.15955	289.6	4591.229	0.014	14.3	-44.5	-0.9	0.128	60	0	6:19:13	44003.26	0	22-07-20
40.38397	23.16141	318.1	4582.819	0.014	-8.7	-7.9	-0.96	0.131	60	15	6:24:39	44003.27	0	22-07-20
40.37434	23.16021	285.4	4587.521	0.171	-0.3	0	-0.96	0.135	60	0	6:32:30	44003.27	0	22-07-20
40.36791	23.15942	251.9	4593.291	0.229	9.6	0.8	-0.89	0.139	60	0	6:43:02	44003.28	0	22-07-20
40.36246	23.16168	226.1	4599.71	0.235	7.2	-0.8	-0.83	0.142	60	0	6:51:18	44003.29	0	22-07-20
40.36246	23.16168	226.1	4599.656	0.171	-1.9	-3.1	-0.81	0.143	60	0	6:54:55	44003.29	0	22-07-20
40.35485	23.16454	207.3	4604.269	0.993	18.2	4.1	-0.89	0.146	60	0	7:04:55	44003.29	0	22-07-20
40.34557	23.16088	186.3	4608.026	1.434	-4.8	2.9	-0.93	0.148	60	0	7:12:54	44003.3	0	22-07-20
40.24294	23.29705	30.3	4656.261	0.105	8.6	11.3	-0.69	0.151	60	0	7:45:59	44003.32	0	22-07-20
40.24294	23.29705	30.3	4656.253	0.123	17.9	16.3	-0.68	0.151	60	0	7:47:05	44003.32	0	22-07-20
40.24294	23.29705	30.3	4656.258	0.052	25.7	17.8	-0.68	0.151	60	0	7:48:10	44003.32	0	22-07-20
40.24294	23.29705	30.3	4656.265	0.106	35	20	-0.68	0.151	60	0	7:49:15	44003.33	0	22-07-20
40.24294	23.29705	30.3	4656.259	0.099	41.2	21.4	-0.69	0.151	60	0	7:50:21	44003.33	0	22-07-20
40.24292	23.29706	38.7	4656.239	0.098	-12.6	-11.9	-0.79	0.151	60	0	7:55:44	44003.33	0	22-07-20
40.24292	23.29706	38.7	4656.249	0.087	-19.2	-16.4	-0.8	0.151	60	0	7:56:50	44003.33	0	22-07-20
40.24292	23.29706	38.7	4656.232	0.075	-23.2	-19.8	-0.8	0.151	60	0	7:57:55	44003.33	0	22-07-20
40.24292	23.29706	38.7	4656.238	0.064	-25.7	-20.7	-0.81	0.15	60	0	7:59:00	44003.33	0	22-07-20
40.24292	23.29706	38.7	4656.233	0.053	-26.6	-20	-0.81	0.15	60	0	8:00:06	44003.33	0	22-07-20
40.24294	23.29707	0	4654.049	0.042	-22.1	46.5	-0.78	0.148	60	3	8:12:57	44003.34	0	22-07-20
40.25842	23.27583	32.4	4654.03	0.06	-7.8	28.6	-0.78	0.148	60	0	8:15:28	44003.34	0	22-07-20
40.27856	23.26047	43.3	4647.942	0.115	3.5	-3	-0.64	0.14	60	0	8:39:16	44003.36	0	22-07-20



LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.29956	23.22248	61.1	4631.622	0.119	-22.5	-6.6	-0.79	0.135	60	0	8:52:22	44003.37	0	22-07-20
40.30959	23.20227	111.2	4618.227	0.068	3	5.7	-0.73	0.13	60	15	9:01:41	44003.38	0	22-07-20
40.31639	23.19528	128.4	4617.664	0.04	-1.6	0.7	-0.78	0.125	60	1	9:09:55	44003.38	0	22-07-20
40.32323	23.18482	128.3	4618.749	0.033	6.5	-0.8	-0.85	0.118	60	1	9:22:01	44003.39	0	22-07-20
40.33258	23.17604	125.6	4618.811	0.013	-59.5	6.9	-0.8	0.114	60	0	9:28:37	44003.39	0	22-07-20
40.33961	23.16532	154.1	4612.604	0.025	-2.4	0.8	-0.82	0.109	60	5	9:35:50	44003.4	0	22-07-20
40.35083	23.16263	193.2	4606.626	0.02	11.7	-2.6	-0.8	0.105	60	0	9:42:00	44003.4	0	22-07-20
40.36267	23.16122	229.1	4599.095	0.017	-1.6	4.4	-0.75	0.1	60	0	9:49:27	44003.41	0	22-07-20
40.3682	23.15953	264.9	4593.153	0.014	0.6	-2.1	-0.74	0.094	60	7	9:56:12	44003.41	0	22-07-20
40.37609	23.16055	297.8	4586.216	0.014	-12.5	-7.7	-1.06	0.086	60	6	10:06:09	44003.42	0	22-07-20
40.38365	23.16133	324.4	4582.338	0.019	4	1.9	-0.78	0.078	60	7	10:15:51	44003.43	0	22-07-20
40.38999	23.06848	128.8	4612.731	0.022	4.3	-9	-0.78	0.051	60	0	10:47:41	44003.45	0	22-07-20
40.391	23.07647	127.9	4612.027	0.03	-1.1	1.5	-0.8	0.044	60	7	10:54:43	44003.45	0	22-07-20
40.39771	23.05949	137.2	4609.82	0.023	-15.6	7.4	-1.04	0.035	60	2	11:06:05	44003.46	0	22-07-20
40.40659	23.06552	176.3	4601.641	0.041	-4.1	-3.2	-1.01	0.028	60	0	11:13:26	44003.47	0	22-07-20
40.62753	22.95896	27.8	4697.884	0.051	-10.5	-5	-0.78	-0.004	60	4	11:51:22	44003.49	0	22-07-20
40.62753	22.95896	27.8	4697.88	0.051	-8.1	-1.2	-0.76	-0.005	60	2	11:52:28	44003.49	0	22-07-20
40.62753	22.95896	27.8	4697.882	0.041	-6.3	-4	-0.75	-0.007	60	0	11:53:33	44003.49	0	22-07-20
40.62753	22.95896	27.8	4697.88	0.055	-4.8	-5.2	-0.75	-0.008	60	12	11:54:38	44003.5	0	22-07-20
40.62753	22.95896	27.8	4697.879	0.073	-3.3	-5.6	-0.76	-0.008	60	3	11:55:44	44003.5	0	22-07-20
40.62753	22.95896	27.8	4697.873	0.038	-9.2	2	-0.79	-0.01	60	22	11:58:04	44003.5	0	22-07-20
40.62753	22.95896	27.8	4697.882	0.022	-8	0.9	-0.81	-0.011	60	5	11:59:10	44003.5	0	22-07-20
40.62753	22.95896	27.8	4697.877	0.014	-8	0.4	-0.83	-0.012	60	1	12:00:15	44003.5	0	22-07-20
40.62753	22.95896	27.8	4697.881	0.018	-8.2	0.2	-0.84	-0.013	60	3	12:01:20	44003.5	0	22-07-20
40.62753	22.95896	27.8	4697.88	0.04	-8	0	-0.86	-0.013	60	2	12:02:26	44003.5	0	22-07-20
40.62754	22.95889	32.2	4699.174	0.019	-8.6	0.5	-1.04	-0.027	60	19	5:19:33	44049.22	0	07-09-20
40.62754	22.95889	32.2	4699.18	0.019	-8.4	0.3	-1.01	-0.026	60	7	5:20:39	44049.22	0	07-09-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.62754	22.95889	32.2	4699.182	0.011	-8	-0.2	-0.99	-0.026	60	5	5:21:44	44049.22	0	07-09-20
40.62754	22.95889	32.2	4699.182	0.022	-7.8	-0.7	-0.98	-0.026	60	10	5:22:49	44049.22	0	07-09-20
40.62754	22.95889	32.2	4699.181	0.018	-7.7	-1.1	-0.97	-0.026	60	2	5:23:55	44049.22	0	07-09-20
40.6277	22.95925	33.3	4699.295	0.008	-4.5	1.7	-0.99	-0.025	60	2	5:28:22	44049.23	0	07-09-20
40.6277	22.95925	33.3	4699.295	0.026	-4.9	1.2	-0.99	-0.025	60	21	5:29:28	44049.23	0	07-09-20
40.6277	22.95925	33.3	4699.293	0.022	-5	0.7	-1	-0.024	60	25	5:30:33	44049.23	0	07-09-20
40.6277	22.95925	33.3	4699.294	0.017	-5.1	0.1	-1	-0.024	60	15	5:31:38	44049.23	0	07-09-20
40.6277	22.95925	33.3	4699.299	0.014	-5.4	-0.1	-1.01	-0.024	60	15	5:32:44	44049.23	0	07-09-20
40.6277	22.95925	33.3	4692.613	0.011	-2.5	-2.9	-0.87	-0.016	60	0	6:01:23	44049.25	0	07-09-20
40.6277	22.95925	33.3	4692.614	0.005	-2.5	-2.6	-0.86	-0.016	60	0	6:02:29	44049.25	0	07-09-20
40.6277	22.95925	33.3	4692.615	0.005	-2.4	-2.9	-0.85	-0.016	60	0	6:03:35	44049.25	0	07-09-20
40.34441	23.017	24.8	4625.844	0.048	7.4	11.2	-1.12	-0.001	60	6	7:02:24	44049.29	0	07-09-20
40.34199	23.02577	26.7	4623.474	0.048	-13.7	-8	-1.04	0	60	2	7:12:47	44049.3	0	07-09-20
40.34081	23.03757	8.4	4625.779	0.048	41.8	6.3	-0.97	0.002	60	3	7:25:35	44049.31	0	07-09-20
40.33807	23.0497	20.3	4624.264	0.056	0.5	-3.8	-0.98	0.003	60	16	7:32:13	44049.31	0	07-09-20
40.33912	23.05782	35.1	4624.496	0.04	-8.1	-15.3	-0.83	0.006	60	14	7:54:14	44049.33	0	07-09-20
40.35291	23.0599	82.7	4615.893	0.038	-4.2	-1	-0.88	0.006	60	4	8:00:31	44049.33	0	07-09-20
40.3564	23.06918	47.1	4624.483	0.028	-4.9	-5.1	-0.94	0.007	60	0	8:06:53	44049.34	0	07-09-20
40.35854	23.08215	72.6	4620.724	0.047	0.6	-0.8	-0.97	0.007	60	14	8:15:04	44049.34	0	07-09-20
40.35709	23.09177	134.2	4609.664	0.019	-10	8.5	-1	0.007	60	0	8:19:52	44049.35	0	07-09-20
40.36304	23.09499	152.3	4605.598	0.017	0.7	1.1	-1.03	0.008	60	1	8:27:05	44049.35	0	07-09-20
40.37223	23.09666	189.1	4598.926	0.023	-6.5	6.6	-1.02	0.008	60	0	8:35:47	44049.36	0	07-09-20
40.37885	23.09949	218.9	4594.313	0.015	-5.1	-7.6	-0.99	0.007	60	1	8:43:09	44049.36	0	07-09-20
40.38621	23.10511	231.8	4591.635	0.02	-1	3.6	-1.01	0.007	60	0	8:49:56	44049.37	0	07-09-20
40.39044	23.11316	247.7	4593.775	0.028	0	-6.4	-1.02	0.007	60	0	8:59:15	44049.37	0	07-09-20
40.39598	23.11944	216.2	4600.286	0.019	-3.9	3.7	-1.02	0.006	60	0	9:06:11	44049.38	0	07-09-20
40.39293	23.13168	211.2	4604.278	0.027	-6.3	-1.3	-1.05	0.005	60	8	9:12:31	44049.38	0	07-09-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.39208	23.14171	203.9	4606.708	0.014	0.7	1	-1.05	0.005	60	9	9:20:12	44049.39	0	07-09-20
40.39477	23.15002	228.2	4604.878	0.022	0.9	-0.3	-1.01	0.004	60	6	9:27:32	44049.39	0	07-09-20
40.39549	23.15721	234.4	4596.077	0.028	-23.1	7.8	-0.99	0.002	60	6	9:36:26	44049.4	0	07-09-20
40.33555	23.15394	122.2	4615.236	0.019	-0.5	-12	-1.24	0	60	12	9:49:58	44049.41	0	07-09-20
40.33041	23.14085	78.3	4620.08	0.038	-1.3	-0.3	-1.27	0	60	20	9:56:05	44049.41	0	07-09-20
40.3283	23.12985	50.9	4622.778	0.03	-10.1	1.7	-1.19	-0.001	60	6	10:01:20	44049.42	0	07-09-20
40.32722	23.11708	30.8	4625.692	0.019	-10	-4.7	-1.11	-0.004	60	4	10:12:15	44049.42	0	07-09-20
40.32463	23.10303	74.6	4614.699	0.02	-11.8	4.4	-1.14	-0.005	60	16	10:18:00	44049.43	0	07-09-20
40.31996	23.09076	48.6	4619.852	0.03	8.4	3.5	-1.12	-0.006	60	4	10:22:56	44049.43	0	07-09-20
40.24294	23.29711	30.3	4657.24	0.033	19.7	5.7	-1.03	-0.018	60	0	11:02:59	44049.46	0	07-09-20
40.24294	23.29711	30.3	4657.251	0.021	33.5	12.7	-1.03	-0.018	60	0	11:04:05	44049.46	0	07-09-20
40.24294	23.29711	30.3	4657.257	0.018	44.2	18.5	-1.03	-0.018	60	0	11:05:11	44049.46	0	07-09-20
40.24294	23.29711	30.3	4657.239	0.016	10.6	-1.8	-1.04	-0.019	60	0	11:06:55	44049.46	0	07-09-20
40.24294	23.29711	30.3	4657.242	0.025	17.3	-0.4	-1.05	-0.019	60	7	11:08:01	44049.46	0	07-09-20
40.24294	23.29711	30.3	4657.244	0.02	23.1	0.1	-1.07	-0.02	60	0	11:09:07	44049.46	0	07-09-20
40.24294	23.29711	30.3	4692.541	0.009	-1.3	0	-1	-0.039	60	0	12:08:37	44049.51	0	07-09-20
40.24294	23.29711	30.3	4692.542	0.004	-0.8	0.4	-1	-0.04	60	0	12:09:43	44049.51	0	07-09-20
40.24294	23.29711	30.3	4692.544	0.006	0.2	0.2	-1	-0.04	60	0	12:10:49	44049.51	0	07-09-20
40.6278	22.95962	24.8	4699.233	0.02	-3.1	-4.4	-1.05	-0.043	60	2	12:20:22	44049.51	0	07-09-20
40.6278	22.95962	24.8	4699.235	0.032	-1.4	-4.3	-1.04	-0.043	60	39	12:21:28	44049.51	0	07-09-20
40.6278	22.95962	24.8	4699.238	0.021	-0.7	-4.8	-1.04	-0.044	60	11	12:22:34	44049.51	0	07-09-20
40.62755	22.95892	27.3	4699.125	0.021	0.4	-3.1	-1.06	-0.045	60	5	12:25:44	44049.52	0	07-09-20
40.62755	22.95892	27.3	4699.128	0.011	3.7	-4.7	-1.06	-0.045	60	1	12:26:50	44049.52	0	07-09-20
40.62755	22.95892	27.3	4699.128	0.034	6.8	-6.8	-1.06	-0.046	60	8	12:27:56	44049.52	0	07-09-20
40.6275	22.95892	40.8	4699.142	0.03	-6.5	0.9	-0.85	-0.013	60	3	4:25:11	44051.18	0	09-09-20
40.6275	22.95892	40.8	4699.141	0.01	-6.3	0.6	-0.84	-0.013	60	0	4:26:17	44051.18	0	09-09-20
40.6275	22.95892	40.8	4699.144	0.008	-5.9	0.1	-0.84	-0.013	60	2	4:27:23	44051.19	0	09-09-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.62769	22.95939	4.8	4699.256	0.013	-4.6	0.1	-0.95	-0.015	60	8	4:37:08	44051.19	0	09-09-20
40.62769	22.95939	4.8	4699.255	0.007	-4.7	0.1	-0.96	-0.016	60	0	4:38:14	44051.19	0	09-09-20
40.62769	22.95939	4.8	4699.256	0.007	-4.6	0.1	-0.98	-0.016	60	0	4:39:20	44051.19	0	09-09-20
40.62391	22.95266	7.1	4699.722	0.021	-0.9	-0.7	-1.16	-0.018	60	5	4:51:13	44051.2	0	09-09-20
40.61573	22.95257	1.2	4697.369	0.027	-2.4	0	-1.32	-0.019	60	1	5:01:08	44051.21	0	09-09-20
40.60701	22.95103	8.3	4691.386	0.106	-4.5	2.5	-1.34	-0.02	60	15	5:06:56	44051.21	0	09-09-20
40.59793	22.95074	3.3	4686.16	0.055	-3.8	2.8	-1.24	-0.021	60	7	5:13:11	44051.22	0	09-09-20
40.59048	22.94659	14.1	4681.019	0.03	-7	-8.2	-1.08	-0.022	60	16	5:19:21	44051.22	0	09-09-20
40.58487	22.93745	13.5	4674.243	0.026	-4.1	-0.4	-0.98	-0.023	60	1	5:25:44	44051.23	0	09-09-20
40.57813	22.94324	38.2	4671.11	0.026	-1	-3.1	-0.94	-0.023	60	5	5:31:21	44051.23	0	09-09-20
40.57066	22.95455	4.3	4671.138	0.015	3	-0.6	-0.93	-0.024	60	12	5:37:01	44051.23	0	09-09-20
40.56603	22.96324	17.7	4669.7	0.022	-3.1	9.4	-0.93	-0.024	60	0	5:43:21	44051.24	0	09-09-20
40.56738	22.97253	25.2	4668.996	0.039	-1.5	-2.7	-0.91	-0.025	60	10	5:49:11	44051.24	0	09-09-20
40.55877	22.97684	19.2	4665.575	0.023	-8.6	10.8	-0.91	-0.025	60	0	5:56:49	44051.25	0	09-09-20
40.54853	22.98294	16.7	4662.968	0.025	6.5	13.3	-0.9	-0.026	60	0	6:03:21	44051.25	0	09-09-20
40.53874	22.99042	16.1	4659.215	0.046	-4.9	-4.7	-1.03	-0.026	60	1	6:11:49	44051.26	0	09-09-20
40.52958	22.99497	14.9	4656.911	0.071	-3.7	2.4	-1.19	-0.027	60	5	6:20:01	44051.26	0	09-09-20
40.51978	22.9936	17.4	4654.248	0.06	-5.5	-6.9	-1.19	-0.027	60	8	6:25:32	44051.27	0	09-09-20
40.51339	22.9867	13.9	4652.477	0.054	-6.8	1.9	-1.05	-0.027	60	0	6:33:48	44051.27	0	09-09-20
40.5056	22.97385	11.5	4650.634	0.055	-6.9	-2	-1.03	-0.028	60	6	6:40:24	44051.28	0	09-09-20
40.50029	22.96262	30.3	4648.335	0.042	-2.6	-3	-1.01	-0.028	60	1	6:47:00	44051.28	0	09-09-20
40.50108	22.95065	45.9	4647.988	0.04	9.1	-1.1	-0.97	-0.028	60	0	6:54:15	44051.29	0	09-09-20
40.50164	22.93685	24.7	4648.522	0.045	-0.7	0.6	-0.95	-0.028	60	2	7:02:13	44051.29	0	09-09-20
40.50243	22.91363	31.7	4648.916	0.05	-12.6	15.4	-1.13	-0.028	60	0	7:18:09	44051.3	0	09-09-20
40.49967	22.90267	16.3	4648.839	0.045	-5.7	2.7	-0.94	-0.029	60	0	7:25:37	44051.31	0	09-09-20
40.50013	22.89235	2.4	4649.057	0.051	-1.6	1.1	-0.95	-0.029	60	0	7:32:36	44051.31	0	09-09-20
40.49873	22.88062	7.8	4647.857	0.048	-5	2.3	-0.98	-0.029	60	0	7:37:42	44051.32	0	09-09-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.49521	22.87229	42.4	4640.584	0.054	-1	-2.1	-1.01	-0.029	60	1	7:44:41	44051.32	0	09-09-20
40.49245	22.85839	56.9	4634.041	0.057	0.6	0.6	-0.96	-0.029	60	0	7:54:54	44051.33	0	09-09-20
40.4978	22.8473	60.4	4634.405	0.08	-7.8	-17.7	-1.28	-0.029	60	0	8:05:28	44051.34	0	09-09-20
40.49671	22.83687	41.4	4638.085	0.072	-15.2	10.8	-1.27	-0.029	60	0	8:11:03	44051.34	0	09-09-20
40.49479	22.82613	12.7	4642.164	0.065	-1	-6.3	-0.87	-0.029	60	0	8:29:30	44051.35	0	09-09-20
40.49568	22.8179	7.9	4642.062	0.056	-3.4	6.6	-0.89	-0.029	60	0	8:44:21	44051.36	0	09-09-20
40.3177	23.06237	23.7	4625.941	0.115	-0.2	-1.1	-1.12	-0.031	60	0	9:56:03	44051.41	0	09-09-20
40.30973	23.0668	25.1	4626.252	0.12	2.6	-2.3	-1.08	-0.031	60	0	10:06:31	44051.42	0	09-09-20
40.30618	23.07777	26.3	4626.289	0.147	-0.7	-4.9	-1.05	-0.032	60	0	10:14:45	44051.43	0	09-09-20
40.30047	23.09124	6.6	4624.727	0.144	13.4	0	-1.02	-0.032	60	0	10:22:40	44051.43	0	09-09-20
40.29932	23.10206	8.3	4627.463	0.122	-2.9	6.2	-0.99	-0.033	60	2	10:34:04	44051.44	0	09-09-20
40.29502	23.11343	-3.9	4627.761	0.101	1.6	-5.7	-1.27	-0.035	60	0	10:59:05	44051.46	0	09-09-20
40.29128	23.12354	4.1	4627.902	0.097	-3.3	4.2	-1.15	-0.036	60	3	11:07:16	44051.46	0	09-09-20
40.28682	23.12893	2.7	4627.133	0.098	-2.5	-5	-1.06	-0.038	60	0	11:24:20	44051.47	0	09-09-20
40.28288	23.13558	15.4	4625.358	0.085	-7.1	6.2	-1.05	-0.039	60	0	11:32:33	44051.48	0	09-09-20
40.27895	23.14559	17.1	4625.108	0.073	2	-7.2	-0.99	-0.04	60	0	11:41:42	44051.49	0	09-09-20
40.27327	23.15136	-5.7	4627.759	0.098	-16.1	12.4	-1.01	-0.041	60	4	11:47:47	44051.49	0	09-09-20
40.28386	23.14705	12.7	4627.068	0.066	-3.4	-1.3	-0.95	-0.042	60	0	12:00:33	44051.5	0	09-09-20
40.24295	23.29706	32.9	4657.268	0.033	-19.5	-15.8	-1.11	-0.046	60	0	12:31:48	44051.52	0	09-09-20
40.24295	23.29706	32.9	4657.267	0.035	-30.1	-24.4	-1.11	-0.046	60	0	12:32:54	44051.52	0	09-09-20
40.24295	23.29706	32.9	4657.263	0.039	-38.4	-30.2	-1.12	-0.046	60	0	12:34:00	44051.52	0	09-09-20
40.24295	23.29706	32.9	4657.27	0.031	-5.3	-3.7	-1.14	-0.046	60	0	12:36:16	44051.52	0	09-09-20
40.24295	23.29706	32.9	4657.268	0.034	-10.7	-6.5	-1.15	-0.047	60	0	12:37:22	44051.53	0	09-09-20
40.24295	23.29706	32.9	4657.269	0.046	-15.5	-8.7	-1.17	-0.047	60	0	12:38:28	44051.53	0	09-09-20
40.62743	22.95942	21.7	4699.291	0.029	-5.3	-4.6	-0.96	-0.056	60	26	13:52:20	44051.58	0	09-09-20
40.62743	22.95942	21.7	4699.294	0.021	-5.5	-5.1	-0.96	-0.056	60	0	13:53:26	44051.58	0	09-09-20
40.62743	22.95942	21.7	4699.295	0.019	-5.1	-5.9	-0.96	-0.056	60	21	13:54:32	44051.58	0	09-09-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.62749	22.95889	50.3	4699.189	0.025	-3.6	-2.8	-1.03	-0.056	60	8	13:59:41	44051.58	0	09-09-20
40.62749	22.95889	50.3	4699.179	0.025	-4.1	-4.3	-1.04	-0.056	60	2	14:00:47	44051.58	0	09-09-20
40.62749	22.95889	50.3	4699.186	0.029	-4.2	-5.3	-1.05	-0.056	60	4	14:01:53	44051.58	0	09-09-20
40.62749	22.95889	50.3	4699.166	0.015	-4.5	2	-1.11	0.005	60	8	4:45:41	44052.2	0	10-09-20
40.62749	22.95889	50.3	4699.166	0.014	-4.4	2	-1.09	0.005	60	5	4:46:47	44052.2	0	10-09-20
40.62749	22.95889	50.3	4699.168	0.01	-4	1.6	-1.07	0.005	60	10	4:47:53	44052.2	0	10-09-20
40.62777	22.95921	27.5	4699.271	0.009	-4.5	-3	-1.04	0.003	60	0	4:52:59	44052.2	0	10-09-20
40.62777	22.95921	27.5	4699.274	0.008	-4.1	-3.4	-1.04	0.003	60	0	4:54:05	44052.2	0	10-09-20
40.62777	22.95921	27.5	4699.272	0.008	-3.9	-4	-1.04	0.002	60	0	4:55:11	44052.2	0	10-09-20
40.53132	23.0373	54.8	4659.934	0.015	-7	-7.3	-0.89	-0.006	60	0	5:25:21	44052.23	0	10-09-20
40.52566	23.03149	29.3	4658.288	0.037	-8	15.7	-0.84	-0.01	60	3	5:40:53	44052.24	0	10-09-20
40.5169	23.02955	19.8	4654.848	0.058	0.6	-4.5	-0.83	-0.013	60	1	5:52:01	44052.24	0	10-09-20
40.50935	23.02756	17.3	4651.479	0.037	13.4	-1.5	-0.91	-0.015	60	1	5:57:52	44052.25	0	10-09-20
40.50043	23.02616	37.7	4647.676	0.034	14	-5.4	-1.01	-0.016	60	2	6:04:41	44052.25	0	10-09-20
40.49113	23.02396	58.3	4645.243	0.023	-0.9	0.9	-1.1	-0.018	60	0	6:12:18	44052.26	0	10-09-20
40.48533	23.0231	67.3	4643.965	0.021	-5.6	-3.7	-1.39	-0.022	60	3	6:27:53	44052.27	0	10-09-20
40.47971	23.02741	123.3	4631.029	0.024	-0.2	1.3	-1.27	-0.024	60	22	6:35:37	44052.27	0	10-09-20
40.47289	23.03251	132.8	4623.535	0.014	0	4.4	-1.13	-0.025	60	0	6:44:07	44052.28	0	10-09-20
40.46484	23.03638	176.8	4618.746	0.016	1.9	-3.2	-1.11	-0.027	60	4	6:50:55	44052.28	0	10-09-20
40.45635	23.03921	188.3	4616.709	0.019	1	-6.3	-1.02	-0.028	60	21	6:59:11	44052.29	0	10-09-20
40.44398	23.04253	227.6	4606.658	0.014	1.4	1.1	-0.99	-0.03	60	0	7:05:47	44052.3	0	10-09-20
40.43822	23.03222	227.4	4603.292	0.024	-4.8	7.6	-0.98	-0.031	60	4	7:11:14	44052.3	0	10-09-20
40.43291	23.02891	223.6	4601.722	0.035	3	-4	-0.96	-0.032	60	2	7:17:13	44052.3	0	10-09-20
40.49946	22.95007	33.1	4647.297	0.043	3.1	-2	-1.48	-0.037	60	5	7:52:16	44052.33	0	10-09-20
40.48759	22.95331	79.9	4634.476	0.031	-0.9	6.7	-1.4	-0.038	60	2	7:58:58	44052.33	0	10-09-20
40.47955	22.9563	126.4	4624.116	0.038	-2.5	-2.7	-1.22	-0.039	60	1	8:04:39	44052.34	0	10-09-20
40.47218	22.95636	151.7	4617.744	0.052	-8	0	-1.07	-0.04	60	2	8:13:19	44052.34	0	10-09-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.46691	22.95276	175.9	4610.35	0.035	-6.8	2.9	-0.99	-0.041	60	7	8:21:38	44052.35	0	10-09-20
40.46691	22.95276	175.9	4614.672	0.065	-6.5	27.3	-0.95	-0.041	60	18	8:28:02	44052.35	0	10-09-20
40.46157	22.9248	130.8	4616.38	0.036	-0.4	0.9	-0.94	-0.042	60	0	8:36:56	44052.36	0	10-09-20
40.46167	22.9118	128.6	4617.433	0.042	-11.2	7.5	-1.2	-0.043	60	0	8:46:05	44052.36	0	10-09-20
40.46904	22.89868	134.6	4616.342	0.046	-12.6	5.1	-1.23	-0.043	60	0	8:55:05	44052.37	0	10-09-20
40.4648	22.88449	108.3	4621.886	0.052	-3.4	0.9	-1.19	-0.044	60	12	9:00:38	44052.37	0	10-09-20
40.46336	22.86941	50.7	4628.672	0.072	12.7	-6	-1.15	-0.044	60	4	9:06:45	44052.38	0	10-09-20
40.46574	22.85675	11.2	4639.472	0.05	1.8	7	-1.13	-0.045	60	0	9:15:03	44052.38	0	10-09-20
40.45629	22.94093	111.4	4622.088	0.056	-6.9	-13.3	-1.16	-0.046	60	1	9:36:25	44052.4	0	10-09-20
40.44767	22.93722	93.6	4625.086	0.072	0.1	2.8	-1.12	-0.046	60	24	9:45:12	44052.41	0	10-09-20
40.43876	22.93231	54.7	4626.927	0.068	0	-3.3	-1.17	-0.047	60	10	9:53:36	44052.41	0	10-09-20
40.43268	22.92795	59.3	4626.075	0.039	22.6	-16.3	-1.14	-0.047	60	0	9:59:16	44052.42	0	10-09-20
40.42602	22.92983	65.2	4624.043	0.042	1.5	-2	-1.17	-0.047	60	1	10:11:06	44052.42	0	10-09-20
40.41705	22.93892	67.4	4620.213	0.056	0.5	-1.7	-1.16	-0.048	60	1	10:17:32	44052.43	0	10-09-20
40.40948	22.9481	61.3	4623.496	0.074	-4.5	-4.8	-1.17	-0.048	60	24	10:22:42	44052.43	0	10-09-20
40.40125	22.95547	34.9	4625.825	0.055	5	4.4	-1.15	-0.048	60	1	10:27:42	44052.44	0	10-09-20
40.39119	22.95979	24.3	4625.229	0.05	0.8	2.3	-1.1	-0.048	60	8	10:33:28	44052.44	0	10-09-20
40.38317	22.96546	12.9	4624.749	0.068	-10.4	6.4	-1.09	-0.048	60	5	10:38:35	44052.44	0	10-09-20
40.37612	22.97553	19.5	4626.493	0.055	-3.8	-4	-1.09	-0.048	60	0	10:43:31	44052.45	0	10-09-20
40.36853	22.98584	8.6	4626.24	0.05	-5.6	3.2	-1.08	-0.048	60	1	10:50:34	44052.45	0	10-09-20
40.3608	22.99539	18.3	4624.501	0.029	-7.3	-0.7	-1.02	-0.048	60	0	10:58:48	44052.46	0	10-09-20
40.35423	23.0047	2.5	4625.459	0.044	-16.7	0.2	-1.06	-0.049	60	2	11:05:23	44052.46	0	10-09-20
40.34554	23.01329	5.4	4626.954	0.057	-18.2	38.7	-1.08	-0.049	60	3	11:11:04	44052.47	0	10-09-20
40.29048	23.15432	28.8	4626.24	0.042	-11.2	-2.2	-1.04	-0.049	60	3	11:39:14	44052.48	0	10-09-20
40.29468	23.16549	30.8	4627.343	0.026	1.6	-4.7	-1.29	-0.049	60	0	11:48:49	44052.49	0	10-09-20
40.29881	23.17633	41.3	4627.716	0.02	-7.6	1.8	-1.08	-0.049	60	0	11:55:31	44052.5	0	10-09-20
40.30352	23.19002	79.9	4624.72	0.021	-3.7	3.4	-1.09	-0.049	60	3	12:03:12	44052.5	0	10-09-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.30654	23.20085	104.1	4621.713	0.028	-2	3.4	-1.08	-0.05	60	1	12:10:36	44052.51	0	10-09-20
40.30001	23.20208	91.3	4625.691	0.03	-2.8	9.8	-1.1	-0.05	60	6	12:20:16	44052.51	0	10-09-20
40.291	23.19824	42.8	4630.948	0.029	4.3	-3.3	-1.1	-0.05	60	4	12:25:25	44052.52	0	10-09-20
40.28241	23.19319	32.9	4634.1	0.029	16.9	1.8	-1.11	-0.05	60	2	12:30:12	44052.52	0	10-09-20
40.27419	23.18565	7.6	4633.457	0.068	-23.7	4.1	-1.1	-0.05	60	21	12:36:04	44052.52	0	10-09-20
40.26866	23.18217	9.2	4633.2	0.056	-2.3	-4.9	-1.09	-0.05	60	5	12:41:06	44052.53	0	10-09-20
40.26719	23.1945	7.6	4635.318	0.038	-2.7	0.8	-1.06	-0.05	60	6	12:47:13	44052.53	0	10-09-20
40.26451	23.20318	6.1	4638.208	0.033	-53.8	-36.3	-1.05	-0.05	60	1	12:52:05	44052.54	0	10-09-20
40.26338	23.21418	28.5	4636.749	0.037	-0.5	-1.2	-1.06	-0.05	60	7	12:58:36	44052.54	0	10-09-20
40.26011	23.2252	10.1	4644.936	0.044	-7.6	6.4	-1.01	-0.051	60	4	13:04:53	44052.54	0	10-09-20
40.25574	23.23321	4.1	4646.833	0.062	3.3	-2.7	-1	-0.051	60	9	13:09:34	44052.55	0	10-09-20
40.25221	23.24687	3.6	4650.507	0.044	-4.2	1.5	-1	-0.051	60	21	13:16:28	44052.55	0	10-09-20
40.25449	23.25286	6.5	4652.141	0.034	-2.9	-5.2	-1.03	-0.051	60	2	13:22:28	44052.56	0	10-09-20
40.26206	23.25976	18.1	4653.979	0.038	-7.9	-0.3	-1.03	-0.051	60	5	13:28:40	44052.56	0	10-09-20
40.27317	23.2652	18.4	4654.352	0.021	-23.6	1.6	-1.05	-0.051	60	1	13:34:25	44052.56	0	10-09-20
40.26885	23.27233	28.2	4655.622	0.022	-1.3	-5.5	-1.07	-0.051	60	13	13:39:20	44052.57	0	10-09-20
40.24297	23.29703	30.7	4657.299	0.019	-14	-16.9	-1.08	-0.052	60	0	13:50:10	44052.58	0	10-09-20
40.24297	23.29703	30.7	4657.297	0.023	-22	-27.1	-1.07	-0.052	60	0	13:51:16	44052.58	0	10-09-20
40.24297	23.29703	30.7	4657.295	0.019	-28.9	-33.9	-1.06	-0.052	60	0	13:52:22	44052.58	0	10-09-20
40.6277	22.95916	71.1	4699.332	0.024	-2.8	-2.7	-0.76	-0.054	60	24	15:22:00	44052.64	0	10-09-20
40.6277	22.95916	71.1	4699.334	0.013	-2.4	-2.8	-0.77	-0.054	60	0	15:23:06	44052.64	0	10-09-20
40.6277	22.95916	71.1	4699.333	0.023	-1.4	-2.9	-0.79	-0.054	60	4	15:24:12	44052.64	0	10-09-20
40.62752	22.95893	28.8	4699.215	0.015	-2.8	-0.1	-0.9	-0.054	60	7	15:28:05	44052.64	0	10-09-20
40.62752	22.95893	28.8	4699.223	0.015	-2	0.3	-0.92	-0.054	60	0	15:29:11	44052.64	0	10-09-20
40.62752	22.95893	28.8	4699.222	0.015	-1.7	-0.1	-0.95	-0.054	60	6	15:30:17	44052.65	0	10-09-20
40.62752	22.95893	28.8	4699.217	0.021	-10.5	0.9	-1.15	0.048	60	3	4:16:03	44053.18	0	11-09-20
40.62752	22.95893	28.8	4699.217	0.012	-10.3	0.7	-1.13	0.047	60	0	4:17:09	44053.18	0	11-09-20



LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.62752	22.95893	28.8	4699.219	0.013	-9.8	0.2	-1.12	0.047	60	5	4:18:15	44053.18	0	11-09-20
40.62785	22.95919	29	4699.33	0.029	-3.3	0	-1.08	0.04	4	0	4:36:14	44053.19	0	11-09-20
40.62785	22.95919	29	4699.33	0.005	-3.3	0.1	-1.07	0.04	4	0	4:36:22	44053.19	0	11-09-20
40.62785	22.95919	29	4699.321	0.009	-3.4	0.2	-1.07	0.04	4	0	4:36:30	44053.19	0	11-09-20
40.5533	23.03034	91.6	4664.836	0.012	1.5	0.4	-0.86	0.027	60	0	5:08:17	44053.21	0	11-09-20
40.55188	23.04028	125.2	4659.814	0.01	1.2	1.4	-0.83	0.023	60	10	5:16:21	44053.22	0	11-09-20
40.55079	23.04984	138.3	4658.527	0.011	-5.9	31.4	-0.88	0.019	60	1	5:25:13	44053.23	0	11-09-20
40.54342	23.04936	132.1	4661.371	0.012	15.5	-7.6	-0.85	0.016	60	0	5:33:27	44053.23	0	11-09-20
40.53666	23.05223	118.3	4659.446	0.016	-4.8	0.9	-0.86	0.013	60	24	5:39:28	44053.24	0	11-09-20
40.52837	23.04898	69.4	4660.878	0.012	-3.1	-7.6	-0.94	0.01	60	21	5:45:31	44053.24	0	11-09-20
40.51857	23.06705	40.7	4662.2	0.021	2.4	-3.6	-0.94	0.007	60	16	5:52:57	44053.24	0	11-09-20
40.52545	23.07159	92.4	4655.381	0.011	-7.5	-1.9	-0.94	0.005	60	0	5:58:17	44053.25	0	11-09-20
40.53053	23.07135	125.1	4655.613	0.01	-4.2	0	-1	0.001	60	17	6:06:52	44053.25	0	11-09-20
40.50774	23.09329	57.4	4655.993	0.03	-10.2	1	-0.96	-0.003	60	11	6:19:11	44053.26	0	11-09-20
40.51276	23.10343	73.7	4656.062	0.014	-10.2	-1.9	-1.02	-0.005	60	26	6:24:40	44053.27	0	11-09-20
40.51676	23.11001	113.1	4653.901	0.013	-1.9	-6.8	-1.18	-0.008	60	0	6:31:33	44053.27	0	11-09-20
40.51212	23.11073	109.6	4654.22	0.01	-0.7	0.3	-1.2	-0.011	60	0	6:38:53	44053.28	0	11-09-20
40.51094	23.12086	104.9	4654.658	0.012	-4.5	4	-1.15	-0.013	60	0	6:45:22	44053.28	0	11-09-20
40.5099	23.13312	108.6	4658.767	0.016	0.6	-1.1	-1.11	-0.016	60	7	6:50:59	44053.28	0	11-09-20
40.51614	23.13794	145.2	4657.705	0.023	10.4	-5	-1.07	-0.018	60	29	6:56:14	44053.29	0	11-09-20
40.51838	23.14788	146.6	4643.39	0.011	2	3.6	-1.03	-0.02	60	6	7:02:08	44053.29	0	11-09-20
40.52089	23.15689	289.1	4627.374	0.011	1.4	0	-0.97	-0.023	60	2	7:08:43	44053.3	0	11-09-20
40.53002	23.15909	340.2	4615.893	0.008	2	-2.1	-0.93	-0.024	60	0	7:14:12	44053.3	0	11-09-20
40.53499	23.16346	426.8	4602.833	0.009	-4.3	-19.8	-0.94	-0.027	60	0	7:19:58	44053.31	0	11-09-20
40.5435	23.16173	508.7	4587.722	0.01	3.6	-3.7	-0.95	-0.029	60	0	7:26:15	44053.31	0	11-09-20
40.54806	23.16663	580.1	4575.396	0.027	0.2	0.9	-0.98	-0.031	60	23	7:33:18	44053.31	0	11-09-20
40.55435	23.16624	668.6	4555.286	0.008	-2.7	-8.1	-0.97	-0.035	60	0	7:46:57	44053.32	0	11-09-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.56408	23.16975	671.7	4554.599	0.016	-4.1	9.6	-1.07	-0.038	60	0	7:55:55	44053.33	0	11-09-20
40.57286	23.17099	684.8	4548.436	0.016	-1	1.7	-1.12	-0.041	60	0	8:05:55	44053.34	0	11-09-20
40.57843	23.1704	631.8	4560.757	0.013	3.5	-1.7	-1.11	-0.044	60	8	8:15:59	44053.34	0	11-09-20
40.58271	23.1759	555.7	4573.93	0.011	-3	-3	-1.24	-0.046	60	0	8:25:41	44053.35	0	11-09-20
40.58688	23.18157	457.9	4589.841	0.011	-8.7	1	-1.41	-0.049	60	0	8:37:06	44053.36	0	11-09-20
40.58988	23.19036	369.8	4603.608	0.014	-2.9	4.6	-1.32	-0.051	60	0	8:45:00	44053.36	0	11-09-20
40.59348	23.18656	298.4	4615.04	0.018	-4.1	3.7	-1.16	-0.053	60	0	8:57:26	44053.37	0	11-09-20
40.59454	23.17984	390.8	4604.12	0.018	24.1	-6.7	-1.11	-0.054	60	2	9:04:40	44053.38	0	11-09-20
40.59951	23.17994	338.6	4613.289	0.017	-2.6	-4.1	-1.09	-0.058	60	2	9:25:34	44053.39	0	11-09-20
40.61051	23.18121	266.2	4620.481	0.025	-3.6	-0.9	-1.07	-0.058	60	12	9:30:56	44053.4	0	11-09-20
40.62366	23.19133	226.1	4626.544	0.017	8.5	1	-1.05	-0.059	60	5	9:38:50	44053.4	0	11-09-20
40.63271	23.1965	133.2	4641.315	0.017	2.1	-0.3	-1.01	-0.06	60	0	9:44:52	44053.41	0	11-09-20
40.63763	23.18805	126.3	4644	0.039	-5.5	-7.6	-1.06	-0.06	60	15	9:50:09	44053.41	0	11-09-20
40.62777	22.95926	62.2	4699.307	0.011	-1.5	-2.2	-0.92	-0.062	60	0	11:15:08	44053.47	0	11-09-20
40.62783	22.95926	9.6	4699.31	0.013	-4.8	-1.6	-1.04	-0.062	60	7	11:22:27	44053.47	0	11-09-20
40.62783	22.95926	9.6	4699.313	0.012	-4.6	-1.9	-1.04	-0.062	60	0	11:23:34	44053.47	0	11-09-20
40.62755	22.95901	61.4	4699.198	0.021	0.8	-1.5	-1.08	-0.062	60	11	11:27:58	44053.48	0	11-09-20
40.62755	22.95901	61.4	4699.207	0.02	4.4	-2.3	-1.08	-0.062	60	7	11:29:04	44053.48	0	11-09-20
40.62755	22.95901	61.4	4699.207	0.024	7.1	-3.8	-1.08	-0.062	60	8	11:30:10	44053.48	0	11-09-20
40.62741	22.95905	29.6	4699.741	0.021	-9.9	-2.5	-1.17	0	60	2	3:59:39	44082.17	0	09-10-20
40.62741	22.95905	29.6	4699.744	0.02	-8.7	-3.3	-1.15	0	60	0	4:00:45	44082.17	0	09-10-20
40.62741	22.95905	29.6	4699.744	0.018	-7.7	-4.3	-1.13	0	60	0	4:01:50	44082.17	0	09-10-20
40.62741	22.95905	29.6	4699.744	0.042	-6.9	-4.8	-1.12	-0.001	60	37	4:02:55	44082.17	0	09-10-20
40.62741	22.95905	29.6	4699.744	0.022	-5.7	-5.2	-1.12	-0.001	60	1	4:04:01	44082.17	0	09-10-20
40.62779	22.95935	30.8	4699.853	0.024	-1.8	1.5	-1.12	-0.002	60	2	4:08:06	44082.17	0	09-10-20
40.62779	22.95935	30.8	4699.854	0.024	-1	1.3	-1.12	-0.003	60	2	4:09:12	44082.17	0	09-10-20
40.62779	22.95935	30.8	4699.854	0.022	-0.8	0.3	-1.12	-0.003	60	2	4:10:17	44082.17	0	09-10-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.62779	22.95935	30.8	4699.856	0.034	-0.7	-0.2	-1.11	-0.003	60	0	4:11:22	44082.17	0	09-10-20
40.62779	22.95935	30.8	4699.858	0.036	-0.5	-0.8	-1.11	-0.004	60	17	4:12:28	44082.18	0	09-10-20
40.48671	23.13757	81.8	4651.979	0.067	-2.3	0.3	-0.89	-0.018	60	20	4:51:57	44082.2	0	09-10-20
40.48424	23.14672	75.9	4655.369	0.072	-3.3	-1.5	-0.93	-0.021	60	23	5:01:32	44082.21	0	09-10-20
40.47989	23.15687	69.3	4656.865	0.082	-4.2	4.3	-0.93	-0.023	60	36	5:06:39	44082.21	0	09-10-20
40.47485	23.16751	77.6	4655.485	0.067	1.8	1.5	-0.92	-0.025	60	36	5:12:39	44082.22	0	09-10-20
40.47198	23.17695	123.7	4653.2	0.032	2.9	5.6	-0.92	-0.026	60	6	5:17:44	44082.22	0	09-10-20
40.4691	23.1887	127.1	4649.233	0.041	-5.8	2.4	-0.91	-0.028	60	3	5:24:54	44082.23	0	09-10-20
40.46744	23.20026	139.1	4644.76	0.039	-2.1	-2.9	-0.87	-0.03	60	2	5:31:08	44082.23	0	09-10-20
40.46783	23.21046	178.6	4642.427	0.022	-0.8	-2.5	-0.84	-0.031	60	9	5:35:40	44082.23	0	09-10-20
40.4669	23.22319	215.1	4633.727	0.046	-1.1	-5.1	-0.84	-0.033	60	2	5:41:23	44082.24	0	09-10-20
40.46632	23.23374	280.2	4625.402	0.027	-0.3	6.2	-0.78	-0.052	60	5	7:17:54	44082.3	0	09-10-20
40.46716	23.24837	311.6	4614.708	0.02	7.3	1.8	-0.86	-0.052	60	0	7:22:34	44082.31	0	09-10-20
40.46505	23.26106	333.2	4607.374	0.03	6.7	-1.2	-0.91	-0.053	60	0	7:27:05	44082.31	0	09-10-20
40.46224	23.27709	377.3	4598.154	0.025	-5.3	-1.3	-0.92	-0.053	60	3	7:31:39	44082.31	0	09-10-20
40.45734	23.29103	373.8	4589.733	0.03	-0.6	-2.1	-0.93	-0.054	60	4	7:36:24	44082.32	0	09-10-20
40.45553	23.30355	431.3	4580.536	0.022	4.5	7.3	-0.9	-0.055	60	1	7:47:25	44082.32	0	09-10-20
40.45501	23.31684	478.7	4569.289	0.022	-0.8	-1.2	-0.95	-0.055	60	0	7:52:20	44082.33	0	09-10-20
40.46183	23.32758	545.7	4556.349	0.018	-2.5	-2.7	-1.03	-0.056	60	1	7:57:32	44082.33	0	09-10-20
40.46265	23.3376	520.5	4557.936	0.038	-18.3	8	-1.04	-0.056	60	2	8:02:59	44082.33	0	09-10-20
40.46259	23.34735	502.9	4560.331	0.038	-4.5	-9.5	-1.1	-0.057	60	1	8:07:49	44082.34	0	09-10-20
40.46494	23.36182	483	4565.034	0.054	-3	-0.9	-1.05	-0.057	60	27	8:13:05	44082.34	0	09-10-20
40.46283	23.37405	451.3	4569.729	0.024	-1.3	-0.7	-1.01	-0.057	60	3	8:18:17	44082.35	0	09-10-20
40.46094	23.38691	417.9	4573.259	0.023	-0.5	0.4	-0.98	-0.057	60	12	8:23:07	44082.35	0	09-10-20
40.45879	23.40147	469.4	4564.855	0.038	-2.2	-0.5	-0.94	-0.058	60	6	8:27:51	44082.35	0	09-10-20
40.45182	23.41416	486.1	4564.778	0.036	3.2	-0.1	-0.91	-0.058	60	7	8:33:08	44082.36	0	09-10-20
40.44141	23.42306	534.3	4554.244	0.021	7.5	12.9	-0.89	-0.058	60	1	8:40:14	44082.36	0	09-10-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.43085	23.41772	525.9	4557.568	0.027	-0.5	2.7	-0.93	-0.058	60	3	8:47:36	44082.37	0	09-10-20
40.42145	23.42097	512.6	4559.33	0.026	-4	0	-0.92	-0.059	60	1	8:52:49	44082.37	0	09-10-20
40.41295	23.42144	544.7	4548.734	0.025	-3.4	-0.1	-0.89	-0.059	60	5	8:59:04	44082.37	0	09-10-20
40.40395	23.4217	637.6	4537.913	0.027	-6.8	9.2	-0.86	-0.059	60	0	9:03:54	44082.38	0	09-10-20
40.3964	23.42761	604.1	4543.384	0.019	-10.5	2.4	-0.86	-0.059	60	0	9:08:33	44082.38	0	09-10-20
40.39091	23.43615	575.4	4551.124	0.028	-1.7	4.1	-0.89	-0.059	60	10	9:14:50	44082.38	0	09-10-20
40.38424	23.44434	573.9	4551.957	0.02	-0.7	-7.4	-0.91	-0.059	60	8	9:19:51	44082.39	0	09-10-20
40.3784	23.45135	587.8	4552.69	0.025	-0.1	5.5	-0.89	-0.059	60	3	9:24:39	44082.39	0	09-10-20
40.37037	23.44783	540.2	4565.593	0.019	-5.7	-0.4	-0.9	-0.059	60	4	9:31:49	44082.4	0	09-10-20
40.36322	23.44066	498.3	4580.826	0.024	2.4	-4.4	-0.88	-0.059	60	6	9:38:47	44082.4	0	09-10-20
40.35594	23.4415	478.3	4584.347	0.015	3.1	6.7	-0.91	-0.059	60	6	9:43:48	44082.4	0	09-10-20
40.34884	23.44789	413.6	4601.13	0.034	-3.1	0	-0.94	-0.059	60	5	9:48:38	44082.41	0	09-10-20
40.33992	23.45275	344.8	4621.41	0.016	-11.2	-17.6	-0.95	-0.059	60	0	9:53:54	44082.41	0	09-10-20
40.33038	23.45255	267.2	4642.194	0.024	0.1	-3.8	-0.94	-0.059	60	1	9:59:24	44082.42	0	09-10-20
40.3255	23.46273	225.9	4652.166	0.021	7.4	-2.3	-0.99	-0.059	60	0	10:05:24	44082.42	0	09-10-20
40.32043	23.47652	233.1	4652.891	0.015	2.6	2.4	-1.04	-0.059	60	0	10:10:55	44082.42	0	09-10-20
40.31859	23.49068	263.6	4646.604	0.013	1.1	2.1	-1	-0.058	60	0	10:16:14	44082.43	0	09-10-20
40.3119	23.50244	222.1	4657.197	0.011	0.6	0.3	-0.95	-0.058	60	0	10:22:43	44082.43	0	09-10-20
40.3034	23.51078	158.7	4671.268	0.013	-3.3	4.3	-0.96	-0.058	60	1	10:27:38	44082.44	0	09-10-20
40.30138	23.51543	154.9	4671.888	0.016	-9	8	-0.96	-0.058	60	1	10:32:45	44082.44	0	09-10-20
40.2967	23.5255	127.7	4674.59	0.019	-5.4	4.1	-0.95	-0.058	60	10	10:37:56	44082.44	0	09-10-20
40.29371	23.53372	71.8	4685.531	0.019	1.3	2	-0.94	-0.058	60	5	10:43:55	44082.45	0	09-10-20
40.29183	23.54455	15.3	4690.89	0.077	1.5	-2.6	-0.96	-0.058	60	0	10:50:27	44082.45	0	09-10-20
40.6282	22.95929	6.7	4699.928	0.013	-0.7	-3.1	-0.94	-0.054	60	1	13:11:13	44082.55	0	09-10-20
40.6282	22.95929	6.7	4699.927	0.018	-0.4	-3.6	-0.95	-0.054	60	0	13:12:19	44082.55	0	09-10-20
40.6282	22.95929	6.7	4699.927	0.015	0.2	-4.2	-0.97	-0.054	60	1	13:13:24	44082.55	0	09-10-20
40.6282	22.95929	6.7	4699.927	0.023	-0.2	-4.4	-0.99	-0.054	60	5	13:14:29	44082.55	0	09-10-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.6282	22.95929	6.7	4699.929	0.024	-0.4	-4.9	-1.01	-0.054	60	10	13:15:35	44082.55	0	09-10-20
40.62751	22.95881	20.6	4699.821	0.016	-3.3	0.4	-1.12	-0.053	60	9	13:25:43	44082.56	0	09-10-20
40.62751	22.95881	20.6	4699.824	0.013	-2.9	0	-1.13	-0.053	60	0	13:26:49	44082.56	0	09-10-20
40.62751	22.95881	20.6	4699.824	0.013	-3.1	-0.3	-1.14	-0.053	60	0	13:27:54	44082.56	0	09-10-20
40.62751	22.95881	20.6	4699.823	0.022	-3.1	-1.1	-1.14	-0.053	60	5	13:28:59	44082.56	0	09-10-20
40.62751	22.95881	20.6	4699.822	0.025	-3.4	-1.5	-1.15	-0.053	60	3	13:30:05	44082.56	0	09-10-20
40.62753	22.95883	29.8	4700.116	0.012	-7.1	-3.1	-1.08	0.028	60	0	4:27:45	44089.19	0	16-10-20
40.62753	22.95883	29.8	4700.114	0.013	-6.4	-3.7	-1.07	0.028	60	0	4:28:51	44089.19	0	16-10-20
40.62753	22.95883	29.8	4700.115	0.014	-6	-4.1	-1.07	0.029	60	1	4:29:56	44089.19	0	16-10-20
40.62753	22.95883	29.8	4700.118	0.018	-5.3	-4.4	-1.07	0.029	60	0	4:31:01	44089.19	0	16-10-20
40.62753	22.95883	29.8	4700.115	0.02	-5.2	-4.7	-1.07	0.03	60	1	4:32:07	44089.19	0	16-10-20
40.62764	22.95928	75.8	4700.229	0.01	-3.6	1.4	-1.1	0.033	60	0	4:39:00	44089.19	0	16-10-20
40.62764	22.95928	75.8	4700.228	0.011	-3.9	1.2	-1.1	0.034	60	0	4:40:06	44089.19	0	16-10-20
40.62764	22.95928	75.8	4700.228	0.011	-3.3	0.4	-1.1	0.034	60	17	4:41:11	44089.19	0	16-10-20
40.62764	22.95928	75.8	4700.231	0.031	-4.3	0.5	-1.1	0.035	60	28	4:42:16	44089.2	0	16-10-20
40.62764	22.95928	75.8	4700.228	0.02	-4.7	0.7	-1.1	0.035	60	3	4:43:22	44089.2	0	16-10-20
40.66576	23.11054	92.9	4652.306	0.034	7.6	0.7	-0.91	0.049	60	23	5:23:57	44089.22	0	16-10-20
40.6617	23.12139	98.7	4652.007	0.105	-25.6	24.4	-0.78	0.052	60	31	5:41:59	44089.24	0	16-10-20
40.65721	23.13297	111.8	4649.801	0.046	-2.3	0.3	-0.87	0.053	60	33	5:51:03	44089.24	0	16-10-20
40.65654	23.14362	104.4	4649.456	0.032	-0.3	-0.7	-0.9	0.053	60	31	5:56:34	44089.25	0	16-10-20
40.65499	23.15648	95.3	4648.922	0.019	-15.5	45.8	-0.9	0.053	60	5	6:02:57	44089.25	0	16-10-20
40.65186	23.16532	105.4	4648.234	0.023	-5	0.4	-0.94	0.052	60	3	6:08:19	44089.26	0	16-10-20
40.64478	23.1795	104.6	4646.77	0.034	10.1	-2	-0.94	0.052	60	2	6:13:13	44089.26	0	16-10-20
40.63775	23.18768	113.6	4644.96	0.036	23.5	-11.4	-0.94	0.051	60	0	6:19:42	44089.26	0	16-10-20
40.63502	23.19427	120.1	4644.236	0.025	-5.6	-2.9	-0.92	0.05	60	27	6:25:51	44089.27	0	16-10-20
40.63143	23.20604	145.6	4641.682	0.036	-5.9	0	-0.89	0.049	60	23	6:31:13	44089.27	0	16-10-20
40.63068	23.21731	156.3	4639.673	0.032	-3.8	-1.9	-0.88	0.048	60	10	6:36:28	44089.27	0	16-10-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.62188	23.22165	181.9	4630.639	0.038	1.3	8.3	-0.89	0.047	60	9	6:41:57	44089.28	0	16-10-20
40.61023	23.22314	229.3	4620.125	0.027	-5.8	-2.7	-0.88	0.046	60	25	6:47:27	44089.28	0	16-10-20
40.59934	23.22507	232.7	4620.661	0.015	-4.2	15	-0.87	0.044	60	0	6:52:54	44089.29	0	16-10-20
40.59411	23.23379	229.4	4622.188	0.029	-2.3	3.6	-0.9	0.042	60	22	6:57:54	44089.29	0	16-10-20
40.59042	23.2441	228.8	4623.552	0.033	-11.3	2.6	-0.93	0.04	60	7	7:03:25	44089.29	0	16-10-20
40.58802	23.25332	181.8	4628.929	0.026	0.6	-0.1	-0.94	0.038	60	3	7:08:05	44089.3	0	16-10-20
40.5827	23.26228	195.3	4623.042	0.025	-5.3	-1.8	-0.93	0.036	60	24	7:13:03	44089.3	0	16-10-20
40.57647	23.27649	209.8	4622.672	0.034	-4.2	-0.1	-0.95	0.034	60	34	7:17:50	44089.3	0	16-10-20
40.57258	23.28712	192.8	4620.919	0.033	0.7	-0.3	-1.04	0.031	60	22	7:23:10	44089.31	0	16-10-20
40.56641	23.28924	206.8	4619.596	0.021	-4.7	-0.4	-1.01	0.022	60	21	7:39:38	44089.32	0	16-10-20
40.55783	23.2989	225.7	4614.729	0.017	-3.2	-0.8	-0.97	0.019	60	6	7:44:55	44089.32	0	16-10-20
40.55648	23.31204	224.4	4616.143	0.02	-8.3	5	-0.94	0.016	60	12	7:50:40	44089.33	0	16-10-20
40.54823	23.32213	274.2	4606.701	0.019	4.2	7.7	-0.92	0.012	60	2	7:56:55	44089.33	0	16-10-20
40.5391	23.32889	366.8	4590.366	0.015	-5.5	-4.4	-0.94	0.009	60	9	8:02:00	44089.33	0	16-10-20
40.52925	23.33457	297.1	4602.369	0.032	-0.2	-3	-0.93	0.005	60	12	8:07:31	44089.34	0	16-10-20
40.52557	23.34511	271.9	4605.1	0.024	1.2	0.5	-0.93	0.002	60	19	8:13:16	44089.34	0	16-10-20
40.51823	23.34695	277.7	4598.762	0.013	-1.7	0.4	-0.96	-0.001	60	1	8:18:18	44089.35	0	16-10-20
40.51237	23.35213	331.2	4589.991	0.032	-8.9	1	-0.97	-0.005	60	7	8:23:40	44089.35	0	16-10-20
40.51231	23.3641	310.6	4593.339	0.013	-3.3	-2.1	-0.95	-0.008	60	0	8:29:11	44089.35	0	16-10-20
40.5091	23.37162	293.8	4596.793	0.037	0.8	-0.8	-0.96	-0.012	60	20	8:33:55	44089.36	0	16-10-20
40.50425	23.3806	317.6	4595.102	0.011	3.1	-2.7	-0.95	-0.016	60	0	8:40:19	44089.36	0	16-10-20
40.49834	23.38527	388.9	4577.433	0.014	-5.4	-3.7	-1.01	-0.027	60	0	8:54:53	44089.37	0	16-10-20
40.49124	23.39035	487.1	4561.229	0.011	-6.5	-2.2	-0.87	-0.032	60	0	9:01:40	44089.38	0	16-10-20
40.48811	23.3999	549.9	4547.966	0.013	3.3	1.4	-0.89	-0.037	60	1	9:08:05	44089.38	0	16-10-20
40.48996	23.41099	525.9	4552.231	0.033	-1.7	-1.5	-0.89	-0.04	60	13	9:13:10	44089.38	0	16-10-20
40.49097	23.41963	453.8	4565.084	0.013	-14.7	19	-0.91	-0.044	60	2	9:17:50	44089.39	0	16-10-20
40.49691	23.42347	424.9	4570.336	0.02	-6.5	-4.7	-0.96	-0.048	60	6	9:23:47	44089.39	0	16-10-20

LAT	LONG	ALT	GRAV	SD	TILTX	TILTY	TEMP	TIDE	DUR	REJ	TIME	DEC. TIME	TERRAIN	DATE
40.50025	23.4362	408.7	4572.925	0.01	2.1	-4.5	-1.02	-0.053	60	0	9:31:13	44089.4	0	16-10-20
40.50173	23.44464	393.3	4576.429	0.01	4.4	-2.2	-1	-0.057	60	8	9:37:14	44089.4	0	16-10-20
40.50334	23.45599	368.4	4581.585	0.03	-2.5	-3	-1	-0.061	60	11	9:43:06	44089.4	0	16-10-20
40.50661	23.46471	327.4	4587.539	0.013	3.4	14.2	-1.01	-0.064	60	0	9:48:20	44089.41	0	16-10-20
40.50391	23.47821	317.1	4588.875	0.013	-4.8	-1.7	-1.01	-0.068	60	0	9:54:08	44089.41	0	16-10-20
40.49981	23.4941	377.6	4576.59	0.021	-1	-1	-1.03	-0.071	60	0	9:59:24	44089.42	0	16-10-20
40.50024	23.51108	454.8	4562.313	0.021	-2	-4.2	-1.02	-0.074	60	16	10:04:24	44089.42	0	16-10-20
40.50206	23.5273	382.8	4576.313	0.015	7.5	-1.5	-0.98	-0.079	60	6	10:11:48	44089.42	0	16-10-20
40.50549	23.53667	432.8	4566.188	0.033	-1.9	-4.8	-1	-0.082	60	2	10:18:13	44089.43	0	16-10-20
40.50342	23.55715	528.8	4547.147	0.013	1.3	-4	-1	-0.086	60	0	10:25:29	44089.43	0	16-10-20
40.50031	23.56866	487.4	4552.519	0.02	0.4	-13	-0.98	-0.088	60	1	10:30:19	44089.44	0	16-10-20
40.49479	23.58002	623.6	4529.799	0.018	-5.1	-8.9	-1.13	-0.093	60	3	10:40:02	44089.44	0	16-10-20
40.49005	23.58154	636.3	4525.921	0.037	-4.3	-4.5	-1.2	-0.094	60	1	10:44:19	44089.45	0	16-10-20
40.48621	23.58665	641.3	4526.429	0.039	4.1	-2.4	-1.17	-0.096	60	6	10:48:41	44089.45	0	16-10-20
40.48858	23.59538	627.2	4537.653	0.021	-3.1	30.7	-1.14	-0.099	60	24	10:54:54	44089.45	0	16-10-20
40.62791	22.95934	1.5	4700.03	0.017	-3	-0.1	-0.84	-0.089	60	20	13:03:46	44089.54	0	16-10-20
40.62791	22.95934	1.5	4700.029	0.022	-2.7	-1.2	-0.85	-0.089	60	41	13:04:52	44089.54	0	16-10-20
40.62791	22.95934	1.5	4700.031	0.01	-1.6	-1.7	-0.86	-0.088	60	0	13:05:57	44089.54	0	16-10-20
40.62791	22.95934	1.5	4700.033	0.011	-0.7	-1.8	-0.88	-0.088	60	0	13:07:02	44089.55	0	16-10-20
40.62791	22.95934	1.5	4700.033	0.016	-0.4	-2.2	-0.91	-0.087	60	36	13:08:08	44089.55	0	16-10-20
40.62759	22.95882	11.3	4700.159	0.017	-6.7	1.1	-1.1	0.062	60	6	16:18:18	44089.68	0	16-10-20
40.62759	22.95882	11.3	4700.159	0.014	-6.5	0.9	-1.09	0.063	60	5	16:19:24	44089.68	0	16-10-20
40.62759	22.95882	11.3	4700.16	0.026	-6.4	0.7	-1.09	0.065	60	21	16:20:29	44089.68	0	16-10-20
40.62759	22.95882	11.3	4700.162	0.028	-6.3	0.5	-1.1	0.065	60	1	16:21:34	44089.68	0	16-10-20
40.62759	22.95882	11.3	4700.163	0.016	-6.2	0.6	-1.1	0.066	60	16	16:22:40	44089.68	0	16-10-20

1.3 Field measurement original field sheets

PROJECT		GeoGravGOCE - HFR1		SENSOR TYPE-S/N		CGS			
ΗΜΕΡΟΜΗΝΙΑ		18/12/20		ANTENNA TYPE-S/N		CG5			
ΠΑΡΑΤΗΡΗΤΗ		Gravlab Team		Example: Trimble, Ant0-980269, 5701340, 0105 mGal					
ΣΗΜΕΙΟ	φ	GEFH	λ	CGS reading (mGal)	CG-5 accuracy	δg από βάση (mGal)	ΕΜΑΡΕΗ	ΜΗΕΗ	ΠΑΡΑΤΗΡΗΣΗ
ΣΕΜ				4871,138 1,07 1,97	0,021 0,019 0,009				
ΝΟΥΔ	440064,311 4447460,491		27,819	46,48218	0,037				
ΠΟΔ	452947,799 4463448,589		258,115	4638,408	0,008				
ΝΙΚ	471888,065 4452035,505		27,934	4634,458	0,022				
ΝΟΥΔ				4648,241	0,045				
-11-				4648,240	0,033				
ΣΣ				4682,599	0,003				
ΤΕΛΙΚΗ ΠΑΡΑΤΗΡΗΣΗ:									



ΕΝΤΥΠΟ ΠΕΛΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeogravGOCE - HFR  
 ΗΜΕΡΟΜΗΝΙΑ: 19/12/2020  
 ΠΑΡΑΤΗΡΗΣΗ: GravLab Team

SENSOR TYPE-S/N: CGS  
 ANTENNA TYPE-S/N: CGS  
 Βεβαιότητα: ±90269.5701340.0105 mGal

ΣΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CGS reading (mGal)	CGS accuracy	δg από Βέαν (mGal)	ΕΝΑΡΣΗ	ΔΕΣΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
ΣΣ				4683,662	0,006				
800				4688,750	0,195				
2006				4686,373	0,028				
201				4685,396	0,085				
202				4684,323	0,026				
203/204				4675,262	0,014				
205				4664,213	0,035				
206				4661,143	0,049				

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

114

PROJECT		GeoGravGOCE - HFRI		SENSOR TYPE-S/N		CGS	
ΗΜΕΡΟΜΗΝΙΑ		19 12 2020		ANTENNA TYPE-S/N		CGS	
ΠΑΡΑΤΗΡΗΣΗ		Gavlab Team		Example: Ant0-980269.57013±0.0105 mGal			

ΕΝΤΥΠΟ ΠΕΡΙΟΥ ΒΑΡΥΤΗΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

ΣΗΜΕΙΟ	φ	ΘΕΤΗ	λ	CGS reading (mGal)	CGS accuracy	hg από Βάση (mGal)	ΕΝΑΡ-Η	ΑΗΕ-Η	ΠΑΡΑΤΗΡΗΣΕΙΣ
207	414192,717	75,335	4491925,619	4655,887	0,024				
208	414905,950	81,720	4490914,143	4655,113	0,018				
209	κν0' κν08' κκε0' 69			4651,488	0,011				
210	416178,295	61,774	4489766,839	4653,180	0,059				
211	416699,550	60,192	4489248,369	4652,861	0,033				
212	417574,659	55,499	4448568,189	4654,930	0,018				
213	417950,339	46,212	4487958,350	4651,167	0,046				
214	418184,903	61,635	4487502,865	4651,693	0,018				

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

214

PROJECT		GeogravGOCE - HIRI		SENSOR TYPE-S/N	
ΗΜΕΡΟΜΗΝΙΑ	19	18	18090	ANTENNA TYPE-S/N	CGS
ΠΑΡΑΤΗΡΗΣ	Geolab Team			Εξοπ. τεμπ. από -980269.57013±0.0105 mgal	CG5

ΕΝΤΥΠΟ ΠΕΛΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

ΣΗΜΕΙΟ	φ	ΘΕΗ	λ	CGS reading (mgal)	CG-5 accuracy	Εγ. από Βάρη (mgal)	ΕΝΑΡΣΗ	ΑΗΕΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
215	418805,410	4486717,359	45,817	4652,163	0,033				
216	419452,153	4486044,694	40,205	4650,199	0,036				
217	4200490,202	4485445,880	33,076	4652,809	0,084				
218	421407,553	4484916,700	36,633	4652,292	0,015				
219	422660,475	448408,393	42,784	4647,181	0,025				
220	423394,759	4483494,943	48,370	4643,080	0,021				
221	422642,304	4489887,573	36,564	4640,233	0,048				
222	422545,623	4481798,184	52,089	4632,911	0,017				

ΣΗΜΕΙΩΣΕΙΣ:

314

ΕΝΤΥΠΟ ΠΕΛΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeogravGOCE - HFR I  
 ΗΜΕΡΟΜΗΝΙΑ: 03/06/2020  
 ΠΑΡΑΤΗΡΗΤΗΣ: GravLab Team

SENSOR TYPE-S/N: CGS  
 ANTENNA TYPE-S/N: CGS  
 Station: Iouliou, ID=980269, 5701340, 0105 mgal

ΣΗΜΕΙΟ	$\phi$	$\lambda$	CGS reading (mgal)	CG-5 accuracy	δg κατά δίκτυο (mgal)	ΕΜΑΒΕΗ	ΑΗΕΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
ΣΣ ΕΥΤ.			4689,324	0,005		7:11	7:14	
ΣΣ ΕΥΤ.			4689,330	0,006		7:14	7:17	
ΑΠΘ	40°34'39,05"	22°54'32,21"	4695,926	0,012		7:34	7:34	
102	422940,062	4479305,002	4615,214	0,012		8:23	8:24	177,453 H
103	4228 <del>402849</del> 39,265	4478488,330	4600,183	0,017		8:56	8:57	254,260 <del>257,417</del> <del>200,002</del>
104	422 506,980.	4477603,720	4595,319	0,019		9:10	9:11	264,560
105	423033,520	4476635,332	4607,343	0,013		9:19	9:20	207,462
106	423376,594	4475882,511	4612,065	0,024		9:24	9:25	180,350

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

ΕΝΤΥΠΟ ΙΣΤΑΝΟΥ ΒΑΡΥΤΗΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeoGravGOCE - HFRI  
 ΗΜΕΡΟΜΗΝΙΑ: 3 / 6 / 2020  
 ΠΑΡΑΤΗΡΗΤΗΣ: GravLab Team

SENSOR TYPE-S/N  
 ANTENNA TYPE-S/N  
 Station: tripod\_Ant0=980269.5701340.0105 mgal

CGS  
 CGS

ΣΤΗΜΕΙΟ	GEM		CGS reading (mgal)	CG-5 accuracy	8g κατά Βόρειο (mgal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
	φ	λ						
107	422748,850	4476486,120	4600,971	0,033		9:33	9:34	230,590
108	421855,560	4475955,270	4606,776	0,027		9:39	9:40	187,370
109	421375,966	4475558,370	4606,552	0,025		9:44	9:45	182,504
110	419933,400	4475873,930	4597,442	0,025		9:50	9:51	232,760
111	418984,356	4476006,369	4600,283	0,035		9:55	9:56	220,439
112	418669,880	4475252,983	4603,731	0,027		10:00	10:02	189,055
113	417811,313	4475304,015	4601,091	0,055		10:11	10:12	195,192
114	417125,540	4475415,240	4605,411	0,030		10:22	10:23	172,692

ΤΕΧΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

ΕΝΤΥΠΟ ΠΕΛΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT GeogravGOCE - HFR I  
 ΗΜΕΡΟΜΗΝΙΑ 3 / 6 / 2020  
 ΠΑΡΑΤΗΡΗΤΗΣ GravLab Team

SENSOR TYPE-S/N  
 ANTENNA TYPE-S/N  
 Εξοπλισμός: 980269, 5701340, 0105 mgal

CGS  
 CGS

ΣΗΜΕΙΟ	$\phi$	ΟΕΣΗ	$\lambda$	CGS reading (mgal)	CG-S accuracy	gg and Bdan (mgal)	ΕΝΑΡΞΗ	ΑΧΕΤΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
115	416925,162	44,74646,691		4606,643	0,045		10:40	10:44	
116	416929,322	44,73867,055		4610,862	0,043		10:44	10:45	
117	417258,625	4472961,452		4612,325	0,050		10:51	10:52	
118	417667,050	4472146,220		4608,926	0,065		10:56	10:57	
119	417974,810	4474841,692		4608,778	0,063		11:02	11:03	
120	418992,550	4472150,270		4613,328	0,061		11:10	11:11	
121	419574,390	44,71565,046		4613,275	0,039		11:14	11:15	
ΜΟΥΛΑΝΙΑ				4653,705			11:47	11:48	
				4653,701					
ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:									
				4653,704	0,046				

ΑΝΘ  
 4695,608 0,028 12:48 12:51  
 (4695,611)  
 (4695,610)

H

115, 754  
 127, 504  
 123, 305  
 123, 532  
 123, 585  
 110, 567  
 107, 578

ΕΝΤΥΠΟ ΤΙΜΩΝ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT ΗΜΕΡΟΜΗΝΙΑ ΠΑΡΑΤΗΡΗΣΗ  
 GeogravGOCE - HFRI 5 / 6 / 2020  
 GravLab Team

SENSOR TYPE-S/N ANTENNA TYPE-S/N CGS  
 Example: Ant=980269, S701330, 0105 mGal

ΣΤΗΘΙΟ	φ	ΘΕΤΗ	λ	CGS reading (mGal)	CGS accuracy	dg antd Baion (mGal)	ΕΝΑΡΞΗ	ΑΧΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
ΣΣ	curves			4689,49	0,006		7:22	7:25	
Α17θ				4696,075	0,010		7:35	7:38	Dev Temperature being GPS 1c Fingerprint
122	(ε) 412145,900	(Ν) 4495265,100		4688,657	0,040		7:55	7:56	(Person auto)
123	40°36'22,1"	22°54'49,2"		4688,604	0,044		7:58	7:59	
124	(θ) 412260,192	(υ) 4493955,245		4679,157	0,137		8:11	8:12	
125	412718,453	4493123,844		4673,147	0,025		8:25	8:26	
126	413002,442	4492499,556		4666,29	0,031		8:35	8:36	
127	412947,590	4492014,410		4665,436	0,028		8:44	8:45	

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

47,878

68,972

43,900

39,400

H  
14,800

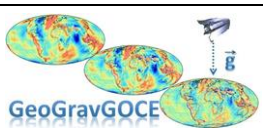
ΕΝΤΥΠΟ ΠΕΛΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT	GeogravGOCE - HFR
ΗΜΕΡΟΜΗΝΙΑ	5 / 6 / 2020
ΠΑΡΑΤΗΡΗΤΗΣ	GravLab Team

SENSOR TYPE-S/N	CGS
ANTENNA TYPE-S/N	CGS
Serial, Antenna, ATG	3980269, 5701340, 0105 mgal

ΣΤΗΜΕΙΟ	GEFH		CGS reading (mgal)	CG-S accuracy	Eg and Bdon (mgal)	ΕΝΑΡΞΗ		ΠΑΡΑΤΗΡΗΣΕΙΣ
	φ	λ				ΑΝΑΡΞΗ	ΔΕΞΗ	
128	413238,623	4491022,825	4665,212	0,020		8:48	8:49	
129	413962,771	4490901,683	4660,952	0,022		8:54	8:55	
130	414234,028	4490560,600	4662,609	0,030		8:58	8:59	
131	414482,005	4490439,572	4662,46	0,038		9:05	9:06	
132	415083,793	4489439,223	4658,451	0,035		9:12	9:13	
133	415621,900	4488651,380	4657,081	0,036		9:17	9:18	
134	415685,099	4488481,792	4656,287	0,035		9:24	9:25	
135	415824,770	4487746,980	4655,162	0,093		9:31	9:32	

ΣΗΜΕΙΩΣΕΙΣ ΠΑΡΑΤΗΡΗΣΕΩΝ:





ΕΝΤΥΠΟ ΠΕΛΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeoGravGOCE - HFRI  
 ΗΜΕΡΟΜΗΝΙΑ: 5 / 6 / 2020  
 ΠΑΡΑΤΗΡΗΤΗΣ: Gravlab Team

SENSOR TYPE-S/N: CG5  
 ANTENNA TYPE-S/N: CG5  
 Bscant, Zscant, AntNo=980269, 5701340, 0105 mGal

ΣΗΜΕΙΟ	φ	λ	CG5 reading (mGal)	CG-5 accuracy	6g ant6 Bdcn (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
136	416226,184	4486544,494	4654,194	0,053		9:33	9:39	
137	416041,900	4485926,243	4652,982	0,070		9:46	9:44	
138	415869,690	4484985,301	4649,82	0,104		9:57	9:58	
139	415610,415	4483931,634	4646,253	0,064		10:03	10:04	
140	415205,340	4483105,875	4643,490	0,069		10:09	10:10	
141	414832,460	4482008,340	4631,144	0,038		10:15	10:16	
142	414445,430	4481436,890	4619,732	0,033		10:23	10:24	
143	414626,431	4479876,900	4606,362	0,058		10:31	10:34	

ΣΗΜΕΙΩΣΕΙΣ ΠΑΡΑΤΗΡΗΣΕΩΝ:

H

18,970

8,863

10,262

22,720

38,500

98,921

145,110

190,043

ΕΝΤΥΠΟ ΠΕΛΟΥΣ ΒΑΡΥΤΗΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT	GeoGravGOCE - HFR-I
ΗΜΕΡΟΜΗΝΙΑ	5 / 6 / 2020
ΠΑΡΑΤΗΡΗΤΗΣ	GravLab Team

SENSOR TYPE-S/N	CG5
ANTENNA TYPE-S/N	CG5
Serial Number/ID	=980269.5701340.0105 mgal

ΣΗΜΕΙΟ	φ	ΘΕΤΗ	CG5 reading (mgal)	CG-5 accuracy	bg corr. Bdon (mgal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
144	415122,350	44°8'38,23" Δ	4596,462	0,037		10:38	10:39	231,640
145	416058,510	44°6'09,38" Δ	4597,937	0,043		10:48	10:49	220,790
146	416501,575	44°7'58,65" Δ	4603,218	0,037		11:09	11:10	187,473
147	418067,155	44°11'02,90" Δ	4610,238	0,055		11:24	11:25	110,290
148	420092,680	44°06'55,47" Δ	4614,121	0,080		11:34	11:35	69,448
149	421600,153	44°6'30,52" Δ	4614,432	0,080		11:45	11:46	59,970
150	422210,235	44°5'9,58" Δ	4621,872	0,075		11:56	11:57	24,285
151	431152,410	44°5'8,95" Δ	4630,593	0,051		12:02	12:03	17,356

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

H

PROJECT GeotGravGOCE - HFR1  
 ΗΜΕΡΟΜΗΝΙΑ 5 / 6 / 2020  
 ΠΑΡΑΤΗΡΗΤΗΣ Gravlab Team

SENSOR TYPE-S/N  
 ANTENNA TYPE-S/N  
 Bkgnd: 200604100=-980269.5701340.0105 mgal

ΣΤΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CG5 reading (mgal)	CG5 accuracy	δg grid Bkgnd (mgal)	ΕΜΑΡΕΗ	ΑΨΕΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
ΝΟΥΛΛΑΔΙΑ				4653,858 ,361	0,046		12:14	12:15	
ΑΝΘ				4695,126 4695,123	0,023	0,042	13:16	13:18	
55 σαρτίς				4689,132	0,008		13:40	13:49	
ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:									

ΕΝΤΥΠΟ ΠΕΛΑΓΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeograVGOCE - HFR1  
 ΗΜΕΡΟΜΗΝΙΑ: 21 / 1 / 2020  
 ΠΑΡΑΤΗΡΗΣΕΙΣ: GravLab Team

SENSOR TYPE-S/N: ANTENNA TYPE-S/N  
 Εξοπλ. Σειρά/Αριθμ.: 980269, 5701310, 0105 mgal

ΣΤΗΜΕΙΟ	ΓΕΩΓΡΑΦΙΚΟ		CGS reading (mgal)	CG-5 accuracy	gg κατά βάθος (mgal)	ΕΝΑΡΣΗ	ΔΙΕΣΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
	φ	λ						
Α10			4698,220	0,006		7.20	7.25	
B2	423384,310	4482147,408	4647,325	0,065		8.02	8.03	
154	425824,889	4481866,876	4646,949	0,040		8.07	8.08	
155	426135,427	4481308,860	4645,006	0,024		8.21	8.22	
156	426510,867	4480595,556	4641,261	0,032		8.23	8.29	
152	426697,456	4479661,217	4635,908	0,013		8.37	8.38	
158	426485,955	44780946,960	4627,651	0,011		8.44	8.45	
159	426071,160	4478167,327	4615,265	0,018		8.59	8.55	

h = 55, 936  
 h = 58, 894  
 h = 60, 368  
 h = 72, 493  
 h = 104, 614  
 h = 145, 170  
 h = 193, 261

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ: \* Δtv vnaρxci mo GPS.

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ΕΝΤΥΠΟ ΠΕΛΟΥΣ ΒΑΡΥΤΗΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT GeograGOCE - HFRI  
 ΗΜΕΡΟΜΙΝΙΑ 21 / 7 / 2020  
 ΠΑΡΑΤΗΡΗΤΗΣ GravLab Team

SENSOR TYPE-S/N  
 ANTENNA TYPE-S/N  
 BaseID=980269.570134-0.0105 mGal

ΣΤΗΜΕΙΟ	$\phi$	QEIH	$\lambda$	CGS reading (mGal)	CGS accuracy	Σφάλμα Βάρου (mGal)	ENAPSH	AHEH	ΠΑΡΑΤΗΡΗΣΕΙΣ
160	425343,888	4478120,127	4608,373	0,012		016	917		
161	425245,201	4477399,771	4582,275	0,022		025	926		
162	425910,731	4477120,977	4570,011	0,006		031	932		
163	426502,859	4476438,487	4567,124	0,010		038	939		
164	426226,736	4475925,656	4578,841	0,012		045	946		
165	425585,581	4475819,104	4585,648	0,017		007	1008		
166	424571,276	4476428,333	4598,635	0,010		013	1014		
167	423539,405	4475696,43	4616,146	0,008		019	1020		

$h = 232, 477$   
 $h = 367, 439$   
 $h = 426, 186$   
 $h = 440, 557$   
 $h = 382, 449$   
 $h = 345, 241$   
 $h = 281, 223$   
 $h = 172, 357$

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

(2)

ΕΝΤΥΠΟ ΠΕΔΙΟΥ ΒΑΡΥΤΗΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT	GeoGravGOCE - HFRF	
ΗΜΕΡΟΜΗΝΙΑ	21/1	2020
ΠΑΡΑΤΗΡΗΣΕΙΣ	GravLab Team	

SENSOR TYPE-S/N	CG5
ANTENNA TYPE-S/N	CG5
Station: X=980269.5701330 0105 mGal	

ΣΤΗΜΕΙΟ	GEOID		CG5 reading (mGal)	CG-5 accuracy	gg από βάση (mGal)	ΕΝΑΡΧΗ		ΠΑΡΑΤΗΡΗΣΕΙΣ
	φ	λ				Α/Ε	Δ/Ε	
168	423039,319	4475898,432	4606,880	0,010		10.40	10.41	
169	423202,944	447504,975	4606,769	0,021		10.47	10.48	
170	423255,609	447403,017	4610,634	0,022		10.53	10.54	
171	423689,930	4473508,939	4617,109	0,023		11.05	11.06	
172	423479,694	4472575,891	4621,528	0,020		11.28	11.29	
173	423199,526	4472195,093	4620,974	0,034		11.38	11.39	
174	422702,253	4472017,355	4621,888	0,061		11.46	11.47	
175	420109,328	4471322,785	4613,789	0,048		11.41	11.42	

ΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

\* \* \* GPC \*

h = 210,962  
 h = 201,981  
 h = 174,701  
 h = 144,611  
 h = 112,511  
 h = 107,403  
 h = 96,778  
 h = 114,888

ΕΝΤΥΠΟ ΠΕΛΟΥ ΒΑΡΥΤΗΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeoGravGOCE - HFR  
 ΗΜΕΡΟΜΗΝΙΑ: 21 / 1 / 2020  
 ΠΑΡΑΤΗΡΗΤΗΣ: GravLab Team

SENSOR TYPE-S/N: CGS  
 ANTENNA TYPE-S/N: CGS  
 Estim. Inshp. Alt: =980269.5701340.0105 mGal

ΣΗΜΕΙΟ	φ	ΘΕΤΗ	λ	CGS reading (mGal)	CG-5 accuracy	gg από Station (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
Moukani				4655,997	0,038		13,25	13,30	
A11a				4697,869	0,025		14,32	14,37	

ΤΕΧΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

ΕΠΙΤΥΟ ΤΕΛΟΥ ΒΑΡΥΤΗΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT	GeoGravGOCE - HFR-I	SENSOR TYPE-S/N	CGS
ΗΜΕΡΟΜΗΝΙΑ	1921 * 18080	ANTENNA TYPE-S/N	CG5
ΠΑΡΑΤΗΡΗΣΗ	GravLab Team	Serial Number-Ant=	980269, 5701380, 0105 mgal

ΣΗΜΕΙΟ	φ	λ	CGS reading (mgal)	CG-5 accuracy	5g error factor (mgal)	ΕΜΑΡΕΗ	ΑΗΕΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
A10			4698,192	0,022		222	222	
176	(E)	(N)	4512,422	0,012		827	828	415,332 m
177			4564,02	0,019		849	843	454,822 m
178			4512,332	0,024		848	846	408,040
179			4580,822	0,030		855	852	307,100
180			4592,539	0,012		905	902	261,010
181			4593,109	0,026		910	911	282,650
182			4591,999	0,014		918	919	286,341

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

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40,3743451  
23,16090590

ΕΝΤΥΠΟ ΠΙΝΑΚΟΥ ΒΑΡΥΤΗΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeograVGOCE - HFR  
 ΗΜΕΡΟΜΗΝΙΑ: 27/7/2020  
 ΠΑΡΑΤΗΡΗΣΗ: GravLab Team

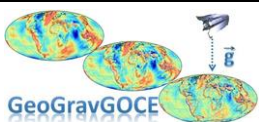
SENSOR TYPE-S/N  
 ANTENNA TYPE-S/N  
 CGS  
 Bzouli\_2020\_Ant=980269\_5701340.0105 mGal

ΣΗΜΕΙΟ	φ	λ	CGS reading (mGal)	CG-5 accuracy	δg από Bkou (mGal)	ΕΝΔΡΑΣΗ	ΑΝΕΜ	ΠΑΡΑΤΗΡΗΣΕΙΣ
183	428642,492	4470432,492	4582,84	0,014		9:28	9:28	
184	428554,965	4469359,410	4584,521	0,140		9:31	9:30	
185	428482,524	4468648,114						
186	428483,281	4468644,090	4593,291	0,229		9:34	9:38	
187	428666,519	4468036,431	4599,410	0,235		9:44	9:48	
188	428665,564	4468036,461	4599,666	0,141		9:53	9:54	
189	428904,043	4464198,309				10:00	10:01	
190	428406,816	4464192,326	4604,269	0,993		10:05	10:06	

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

← (είναι 2 μήνες πριν)

(2)



PROJECT	GeoGravGOCE - HFR1
ΗΜΕΡΟΜΗΝΙΑ	22 / 1 / 2020
ΠΑΡΑΤΗΡΗΣΗ	GravLab Team

SENSOR TYPE-S/N	CG5
ANTENNA TYPE-S/N	CG5
Serial, type, and =980269.5703350.0105 mGal	

ΣΗΜΕΙΟ	φ	λ	CG5 reading (mGal)	CG-5 accuracy	5g and Bicon (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
192	(E) 438267,520	(N) 4456402,221	4654,03	0,060		11:14	11:15	
193	436980,582	4458643,172	4647,942	0,115		11:38	11:39	
194	433764,865	4461013,525	4631,622	0,119		11:51	11:52	
195	432065,420	4462148,296	4618,221	0,068		12:00	12:02	
196	431480,430	44629890,688	4617,664	0,040		12:11	12:12	
197	430596,663	4463661,919	4608,249	0,033		12:21	12:22	
198	429856,490	4464706,252	4618,811	0,013		12:27	12:28	
199	428956,695	4465496,500	4612,604	0,025		12:35	12:36	

ΤΕΧΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:



25,386m

46,228m

60,824m

114,275m

132,312m

129,000m

124,206m

150,885m

(3)

ΕΝΤΥΠΟ ΠΕΛΙΔΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT  
 ΗΜΕΡΟΜΗΝΙΑ  
 ΠΑΡΑΤΗΡΗΣΗ

GeoGravGOCE - HFR  
 22 / 1 / 2021  
 Gravlab Team

SENSOR TYPE-S/N  
 ANTENNA TYPE-S/N  
 Εξοπλ. Ζωογλ. Ant<sub>0</sub> = 980269.5701340.0105 mGal

CG5  
 CG5

ΣΗΜΕΙΟ	φ	λ	CG5 reading (mGal)	CG-5 accuracy	hg από Βκάν (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
200	428737,968	446644,279	4606,626	0,020		12:47	12:47	
201	428699,497	4468060,117	4599,095	0,017		12:46	12:49	
202	428435,503	4468671,312	4593,153	0,014		12:56	12:57	
203	428589,190	4469549,995	4586,216	0,014		13:02	13:03	
204	428663,929	4470380,659	4582,338	0,019		13:12	13:13	
205	420789,167	44711174,531	4612,731	0,022		13:46	13:47	
206	421468,650	44719215,804	4612,027	0,030		13:53	13:54	
207	420035,200	44722037,129	4609,182	0,093		14:07	14:08	

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

193, 694 m  
 227, 264 m  
 253, 614 m  
 293, 751 m  
 317, 450 m  
 121, 068 m  
 128, 396 m  
 140, 108 m

(4)

ΕΠΙΤΥΓΙΟ ΠΕΛΑΓΟΥ ΒΑΡΥΤΗΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: **GeoGravGOCE - HFRU**  
 ΗΜΕΡΟΜΗΝΙΑ: **9/9 / 2020**  
 ΠΑΡΑΤΗΡΗΤΗΣ: **GravLab Team**

SENSOR TYPE-S/N: **CG5**  
 ANTENNA TYPE-S/N: **CG5**  
 Station: **Iraklio, Att@-980269, 57013340, 0105 mGal**

ΣΗΜΕΙΟ	φ (E)	λ (N)	CG5 reading (mGal)	CG-5 accuracy	hg από βάθον (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
208	420556,393	4473091,480	4601,641	0,041		14:12	14:15	
ΑΜΘ			4697,879	0,073		14:51	14:55	
ΑΜΘ			4694,880	0,040				
ΤΕΧΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:								

#  
188,359

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ΕΝΤΥΠΟ ΠΕΛΑΓΟΥ ΒΑΡΥΤΗΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT  
 ΗΜΕΡΟΜΗΝΙΑ  
 ΠΑΡΑΤΗΡΗΣΗ

GeoGravGOCE - HFRI  
 7 / 10 / 2020  
 Gravlab Team

SENSOR TYPE-S/N  
 ANTENNA TYPE-S/N  
 CGS  
 CG5  
 Example: Ant=980269, S/01340, 0.105 mGal

ΣΗΜΕΙΟ	φ	GEFH	λ	CG5 reading (mGal)	CG-5 accuracy	6g στο Βάση (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
ΑΝΘ				4699,181	0,018		8:20	8:25	
ΝΑΥΠΑΚΙ				4699,299	0,014		8:29	8:32	
ΣΣ ΕΥΜΟ									
209	416363,580	4466161,380	4625,844	0,048			10:01	10:08	11,580 m
210	417100,774	4465833,955	4625,474	0,048			10:04	10:10	29,041 m
211	418105,593	4465849,310	4625,229	0,048			10:22	10:28	17,151 m
212	419129,525	4465437,901	4624,264	0,056			10:30	10:35	27,246 m
213	419822,239	4465532,462	4624,496	0,090			10:38	10:54	30,998 m

ΤΕΧΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

ΕΝΤΥΠΟ ΠΕΛΟΥΣ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: **GeoGravGOCE - HFR**  
 ΗΜΕΡΟΜΗΝΙΑ: **7 / 9 / 2020**  
 ΠΑΡΑΤΗΡΗΣΗ: **GravLab Team**

SENSOR TYPE-S/N  
 ANTENNA TYPE-S/N  
 Station: **Stadi\_Ant0-980269.5701340.0105 mGal**

ΣΗΜΕΙΟ	φ	λ	CG5 reading (mGal)	CG-5 accuracy	kg ant0 Bk0n (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
214	420017,854	4467067,281	4615,893	0,038		10:59	11:00	
215	420806,906	4467444,094	4624,483	0,028		11:05	11:06	
216	421913,124	4467673,168	4620,724	0,042		11:10	11:11	
217	422730,360	4467498,194	4609,664	0,019		11:18	11:19	
218	423006,232	4468157,807	4605,578	0,017		11:24	11:25	
219	423156,607	4469172,402	4598,926	0,023		11:32	11:33	
220	423411,114	4469907,950	4594,313	0,015		11:40	11:41	
221	423903,018	4470730,273	4591,035	0,020		11:48	11:49	

ΤΕΧΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

78,89 Lm  
 45,443m  
 70,173m  
 125,813m  
 149,558  
 186,759  
 213,674  
 235,151

ΕΝΤΥΠΟ ΠΕΛΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT  
 ΗΜΕΡΟΜΗΝΙΑ  
 ΠΑΡΑΤΗΡΗΣΗ

GeogravGOCE - HFR1  
 7 / 4 / 2020  
 GravLab Team

SENSOR TYPE-S/N  
 ANTENNA TYPE-S/N  
 Ezone:zndplno=980269.57013&0.0105 mGal

CGS  
 CGS

ΣΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CGS reading (mGal)	CG-5 accuracy	δg από Βάση (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
222	424579,323	4471186,147		4593,775	0,028		11:54	11:55	
223	425119,568	4471794,891		4600,286	0,019		12:04	12:05	
224	426155,102	4471445,509		4604,278	0,027		12:10	12:11	
225	427006,195	4471339,021		4606,708	0,014		12:16	12:17	
226	427717,519	4471635,030		4604,878	0,022		12:24	12:25	
227	428331,453	4471718,474		4596,077	0,028		12:34	12:35	
228	427933,155	4465060,078		4615,236	0,019		12:48	12:49	
229	426887,377	4464498,442		4620,080	0,038		12:54	12:55	

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

235,916 m  
 220,651  
 207,568 m  
 200,215 m  
 217,472  
 208,347  
 119,094  
 77,209

ΕΠΙΤΥΟ ΠΕΛΑΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT  
 ΗΜΕΡΟΜΗΝΙΑ 7 / 9 / 2020  
 ΠΑΡΑΤΗΡΗΣΗ GravLab Team

SENSOR TYPE-S/N  
 ANTENNA TYPE-S/N  
 Εξοπλίστωση: ANIS-980269.5701340.0105 mgal

CGS  
 CGS

ΣΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CGS reading (mgal)	CG-5 accuracy	hg από βάθρο (mgal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
230	425935,306	4464299,867	4622,923	0,030		13:00	13:02		58,004 m
231	424843,010	4464168,415	4625,673	0,055		13:02	13:02		37,881 m
232	424848,972	4464169,074	4625,692	0,019		13:16	13:16		39,894 m
233	423646,356	4463892,673	4614,699	0,020		13:15	13:14		84,413
234	422596,473	4463377,562	4614,852	0,030		13:20	13:21		52,322
ΜΟΥΚΑΝΙΑ			4658,257	0,013		14:04	14:07		
-11-			4658,244	0,020		14:02	14:10		
55 ΕΥΡΟΣ			4692,544	0,006		15:02	15:10		

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:



ΕΝΤΥΠΟ ΜΕΛΙΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT **GeoGravGOCE - HFRI**  
 ΗΜΕΡΟΜΗΝΙΑ **7 / 9 / 2020**  
 ΠΑΡΑΤΗΡΗΣΗΣ **GravLab Team**

SENSOR TYPE-S/N  
 ANTENNA TYPE-S/N  
 Εξοπλισμός: 980269.57013&0.0105 mGal

ΣΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CGS reading (mGal)	CG-S accuracy	δg από Βάση (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
ΠΑΚΑΚΙ				4699,238	0,021		15:22	15:24	
ΑΠΘ				4699,128	0,034		15:25	15:28	

ΣΗΜΕΙΩΣΕΙΣ ΠΑΡΑΤΗΡΗΣΕΩΣ:

ΕΝΤΥΠΟ ΠΕΛΟΥ ΒΑΡΥΤΗΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: **GeoGravGOCE - HFRI**  
 ΗΜΕΡΟΜΗΝΙΑ: 2 / 2 / 2020  
 ΠΑΡΑΤΗΡΗΣΗ: GravLab Team

SENSOR TYPE-S/N: CG5  
 ANTENNA TYPE-S/N: CG5  
 BaseId: Studi\_Ant=980269\_5701340\_0105 mgal

ΣΗΜΕΙΟ	φ	λ	CG5 reading (mgal)	CG-5 accuracy	gg corr6 Bidsen (mgal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
ΑΠΘ			4699,144	0,008		7:24	7:27	
ΠΑΧΑΚΙ			4699,256	0,007		7:37	7:46	
235	411968,553	4492949,228	4691,792	0,021		7:50	7:51	
236	411946,323	44996342,786	4697,369	0,024		7:58	7:59	
237	411104,205	44995324,627	4691,386	0,106		8:04	8:05	
238	411073,558	44994366,229	4686,160	0,055		8:11	8:12	
239	410704,922	44993540,242	4681,019	0,030		8:18	8:19	
240	409921,095	44992922,963	4674,243	0,026		8:23	8:24	

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

13, 216  
 3,603  
 2,034  
 2,407  
 1,768  
 4,211

ΕΝΤΥΠΟ ΠΕΛΑΓΙΟΥ ΒΑΡΥΤΗΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeoGravGOCE - HERRI  
 ΗΜΕΡΟΜΗΝΙΑ: 9 / 4 / 2020  
 ΠΑΡΑΤΗΡΗΤΗΣ: GravLab Team

SENSOR TYPE-S/N: CGS  
 ANTENNA TYPE-S/N: CGS  
 Station: Zindhu, Antip = 980269, 5701340, 0105 mGal

ΣΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CGS reading (mGal)	CG-5 accuracy	8g από Βάση (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
241	410402,869	4492184,480	4671,110	0,026			8:30	8:34	
242	411354,969	4491344,661	4671,138	0,015			8:34	8:35	
243	412028,000	4490815,934	4669,900	0,022			8:41	8:42	
244	419281,141	4490950,350	4668,996	0,030			8:44	8:48	
245	413231,440	4489994,204	4665,545	0,023			8:55	8:58	
246	413234,025	4488855,444	4662,968	0,025			9:3	9:9	
247	414352,324	4487759,886	4659,215	0,046			9:04	9:10	
248	414478,966	4486734,694	4656,911	0,041			9:15	9:16	

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

19,834  
 8,932  
 6,592  
 16,814  
 12,705  
 4,964  
 4,341  
 4,214

ΕΝΤΥΠΟ ΠΕΛΙΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeoGravGOCE - HFRI  
 ΗΜΕΡΟΜΗΝΙΑ: 9 / 1 / 2020  
 ΠΑΡΑΤΗΡΗΣΗΣ: GravLab Team

SENSOR TYPE-S/N: CG5  
 ANTENNA TYPE-S/N: CG5  
 Επιστ. Στοιχ. Αριθμ: -980269.570133-0.0105 mGal

ΣΗΜΕΡΙΟ	φ	ΘΕΣΗ	λ	CG5 reading (mGal)	CG-5 accuracy	δg από Βάση (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
249	414592,918	4485651,212	4654,248	0,060		9:24	9:25		6,539
250	414005,184	4484447,618	4652,472	0,054		9:30	9:31		6,348
251	412906,444	4484096,313	4650,634	0,055		9:30	9:40		9,902
252	411946,678	4483514,795	4648,335	0,042		9:44	9:46		20,144
253	410932,813	4483693,854	4647,988	0,040		9:51	9:52		20,267
254	409766,682	4483689,343	4648,522	0,045		9:59	10:00		15,972
255	407797,343	4483798,433	4648,916	0,050		10:17	10:18		10,780
256	406864,063	4483509,416	4648,839	0,045		10:33	10:34		8,627

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

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ΕΝΤΥΠΟ ΠΕΛΑΓΙΩΝ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeoGravGOCE - HFRI  
 ΗΜΕΡΟΜΗΝΙΑ: 9 / 1 / 2020  
 ΠΑΡΑΤΗΡΗΤΗΣ: Gravlab Team

SENSOR TYPE-S/N: CG5  
 ANTENNA TYPE-S/N: CG5  
 Battery, 3xnbp, amp=-980269, 57013340, 0105 mGal

ΣΗΜΕΡΙΟ	φ	ΘΕΣΗ	λ	CG5 reading (mGal)	CG-5 accuracy	δg από Βάση (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
257	405993,669	4483568,934	4649,057	0,05L			10:34	10:32	
258	404992,100	4483430,413	4647,857	0,048			10:34	10:32	
259	404285,626	4483044,460	4640,584	0,054			10:41	10:42	
260	403091,932	4482756,576	4634,041	0,057			10:49	10:50	
261	402172,757	4483363,302	4634,305	0,080			11:03	11:04	
ΑΥΤΟ	401287,880	4483555,835	4638,085	0,072	~ 1.5 Accuracy 0.10 264		11:10	11:11	
262	400375,971	4483047,872	4642,164	0,065			11:27	11:28	
263	399675,370	4483160,734	4642,062	0,05C			11:42	11:43	

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

5,199  
 5,883  
 33,968  
 56,250  
 53,254  
 29,470 (Auto)  
 5,360  
 1,358

ΕΝΤΥΠΟ ΠΕΛΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeoGravGOCE - HFRI  
 ΗΜΕΡΟΜΗΝΙΑ: 9 / 9 / 2020  
 ΠΑΡΑΤΗΡΗΣΗ: GravLab Team

SENSOR TYPE: S/N  
 ANTENNA TYPE: S/N  
 Εξαστ. Ξεθλ. Μητ. = 980269.57013±0.0105 mGal

CG5  
 CG5

ΣΗΜΕΙΟ	Φ	ΩΣΗ	λ	CG5 reading (mGal)	CG-5 accuracy	8g κατά Βόθρ (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
264	401282,540	4483252,430		4638,085	0,072		11:10	11:12	21,037 μ
265	420180,956	4463155,188		4625,941	0,115		12:19	12:45	11,677 μ
266	420555,066	4462269,437		4626,952	0,126		13:02	13:05	5,071 μ
267	421496,116	4461367,397		4626,289	0,147		13:11	13:12	5,444 μ
268	422618,915	4461220,400		4624,727	0,144		13:19	13:20	10,767 μ
269	423534,808	4461084,538		4621,483	0,122		13:30	13:32	2,021 μ
270	424500,619	4460589,078		4627,761	0,101		13:58	13:59	4,640 μ
271	425318,988	4460169,716		4627,902	0,097		14:05	14:16	1,631 μ

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

ΕΝΤΥΠΟ ΠΕΛΟΥ ΒΑΡΥΜΕΤΡΟΥ ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeogravGOCE - HFRI  
 ΗΜΕΡΟΜΗΝΙΑ: 2 / 1 / 2020  
 ΠΑΡΑΤΗΡΗΣΗΣ: GravLab Team

SENSOR TYPE-S/N: CG5  
 ANTENNA TYPE-S/N: CG5  
 BaseCat: Inhib. Ant. = 980269.5701340.0105 mGal

ΣΤΗΜΕΙΟ	Φ	ΘΕΣΗ	CG5 reading (mGal)	CG-5 accuracy	8g κατά βάρος (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
222	425806,948	4459663,280	4621,133	0,098		14:21	14:22	3,0 15..
223	426362,852	4459224,502	4625,358	0,085		14:30	14:32	11,590 m
224	422118,389	4458126,916	4625,108	0,073		14:36	14:37	14,638 m
225	422100,123	4458145,268	4622,257	0,098		14:45	14:46	1,234 m
226	422344,193	4459325,492	4621,068	0,066		14:55	14:56	11,299 m
ΜΟΥΣΑΝΙΑ 1			4651,263	0,039		15:28	15:31	
ΜΟΥΣΑΝΙΑ 2			4651,269	0,046		15:35	15:38	
ΠΑΛΑΜΙ			46499,295	0,019		16:51	16:54	

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:





ΕΝΤΥΠΟ ΠΙΣΤΩΤΗ ΒΑΡΗΜΕΤΡΕΙΟΥ ΠΑΡΑΤΗΡΗΣΕΩΣ

PROJECT: GeogravGOCE - HFRI  
 ΗΜΕΡΟΜΗΝΙΑ: 14 / 9 / 2020  
 ΠΑΡΑΤΗΡΗΣΗ: Gravlab Team

SENSOR TYPE-S/N: CG5  
 ANTENNA TYPE-S/N: CG5  
 Example: Antg=980269, 5701340, 0105 mGal

ΣΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CG5 reading (mGal)	CG-5 accuracy	εg ανά Βάρη (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
ΑΠΘ				4699,168	0,010		7.15	7.18	
Πλάκα 41				4695,272	0,008		7.50	7.53	
237				4486891,452	0,015		8.24	8.25	
230				4486253,009	0,037		8.40	8.41	
239				4485293,246	0,058		8.49	8.50	
280				4484460,380	0,037		8.57	8.58	
281				4483473,211	0,034		9.03	9.04	
282				4482438,723	0,023		9.10	9.11	

ΤΕΧΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

①

ΕΠΙΘΕΤΟ ΗΛΕΚΤΡΟ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeogravGOCE - HFRI  
 ΗΜΕΡΟΜΗΝΙΑ: 10 / 11 / 2020  
 ΠΑΡΑΤΗΡΗΣΗ: GravLab Team

SENSOR TYPE-S/N: CGS  
 ANTENNA TYPE-S/N: CGS  
 Estimp: Estimp\_Antis -980269.5701310.0105 mgal

ΣΗΜΕΙΟ	φ	ΘΕΣΗ	Α	CG5 reading (mgal)	CG-5 accuracy	δg από βάθμ (mgal)	ENAPSH	ANEH	ΠΑΡΑΤΗΡΗΣΗ
59,584	283	417053,415	4481797,202	4643,965	0,021		926	927	
120,29	284	417413,706	4481166,626	4651,021	0,094		934	935	
53,175	285	417844,532	4480412,913	4623,535	0,014		943	949	
172,90	286	418151,710	4479512,104	4618,746	0,016		949	950	
94,811	287	418386,558	4478565,582	4616,709	0,019		958	959	
32,975	288	418653,794	4477192,154	4606,658	0,014		1004	1005	
20,325	289	417768,598	4476655,7491	4603,292	0,024		1010	1011	
215,000	290	4174483,542	4475974,042	4601,722	0,055		1016	1017	

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

2

αριθμ 112

ΕΝΤΥΠΟ ΤΕΛΙΟΥ ΒΑΡΥΜΕΤΡΟΥ ΠΑΡΑΤΗΡΗΣΕΩΣ

PROJECT	GeoGravGOCE - HFRI	SENSOR TYPE-S/N	CG5
ΗΜΕΡΟΜΗΝΙΑ	/ /	ANTENNA TYPE-S/N	CG5
ΠΑΡΑΤΗΡΗΣΗ	GravLab Team	Serial, Model, Ant	-980269.5701340.0105 mgal

ΣΗΜΕΙΟ	φ	λ	CG5 reading (mgal)	CG-5 accuracy	σg κατά Βάση (mgal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
3504	291	410834,693	4483436,489	4647,297	0,043	1052	1053	
51462	292	411138,734	4482112,479	4634,476	0,031	1057	1058	
122,934	293	411365,956	4481219,310	4629,116	0,038	1104	1105	
49,293	294	411379,810	4480401,620	4617,744	0,052	1113	1114	
120,940	295	411068,488	4479824,467	4610,350	0,035	1120	1121	
144,663	296	410065,464	4479638,187	4614,672	0,065	1126	1127	
27,866	297	408689,903	4479256,521	4616,300	0,036	1136	1137	
18,945	298	407583,862	4475283,180	4617,433	0,042			

ΤΕΧΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

ΕΝΤΥΠΟ ΠΕΛΟΥΣ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeoGravGOCE - HFR1  
 ΗΜΕΡΟΜΗΝΙΑ: 10 / 9 / 2012  
 ΠΑΡΑΤΗΡΗΣΗ: GravLab Team

SENSOR TYPE-S/N: CGS  
 ANTENNA TYPE-S/N: CGS  
 Estrop: xrap\_lang = 980269.5701340.0105 mgal

ΣΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CGS reading (mGal)	CG-5 accuracy	δg από Βάση (mGal)	ΕΝΑΡΧΗ	ΑΝΕΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
120,027	299	406484,828	448014,635	4616,342	0,046		11:53	11:59	
6,252	300	405213,356	4479660,133	4621,886	0,052		12:00	12:01	
5,303	301	403994,388	4479532,585	4628,672	0,072		12:05	12:06	
5,156	302	402925,102	4479293,700	4639,472	0,050		12:14	12:15	
101,911	303	410050,954	4478656,007	4622,088	0,056		11:34	11:35	
16,824	304	409727,798	4477701,693	4625,068	0,074		12:41	12:42	
76,835	304	409728,362	4477699,247	4625,086	0,072		12:44	12:45	
56,546	305	409286,933	4476726,207	4626,927	0,068		12:57	12:58	

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

(4)

ΕΠΙΤΥΧΙΑ ΜΕΛΕΤΩΝ ΒΑΡΥΤΗΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeogravGOCE - HFR  
 ΗΜΕΡΟΜΗΝΙΑ: 10 / 9 / 2020  
 ΠΑΡΑΤΗΡΗΣΗ: GravLab Team

SENSOR TYPE-S/N: CG5  
 ANTENNA TYPE-S/N: CG5  
 Base: read, dir = 980269.5701340.0105 mGal

ΣΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CG5 reading (mGal)	CG-5 accuracy	δg από Βάρη (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
53,486	306	408919,071	4476045,976	4626,075	0,039		1258	1259	
55,313	307	409068,103	4475309,363	4624,049	0,042		1.08	1.09	
55,598	308	409827,234	4474298,747	4620,213	0,056		1.16	1.17	
46,050	309	410596,653	4473493,170	4623,496	0,074		1.22	1.23	
30,240	310	411211,698	44722528,976	4625,825	0,055		1.28	1.29	
25,129	311	411565,150	4471407,212	4625,229	0,050		1.33	1.34	
5,769	312	412035,823	4470515,568	4624,749	0,068		1.37	1.38	
	313	412878,365	4469721,464	4626,493	0,055		1.42	1.43	

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

5

ΕΝΤΥΠΟ ΓΕΝΙΚΩΝ ΒΑΡΥΜΕΤΡΩΝ ΠΑΡΑΤΗΡΗΣΕΩΣ

PROJECT	GeoGravGOCE - HFRI
ΗΜΕΡΟΜΗΝΙΑ	11 / 9 /
ΠΑΡΑΤΗΡΗΣΗ	GravLab Team

SENSOR TYPE-S/N	CG5
ANTENNA TYPE-S/N	CG5
Block number	980269.5701340.0105 mgal

ΣΗΜΕΙΟ	φ	λ	CG5 reading (mgal)	CG-5 accuracy	δg από Βάση (mgal)	ENAP-H	AHEH	ΠΑΡΑΤΗΡΗΣΕΙΣ
13,031	314	413742,797	4468867,610	4626,240	0,050	1.49	1.50	
9,446	315	414550,120	446799,936	4624,501	0,029	1.57	1.56	
4,455	316	415324,609	4467259,314	4625,459	0,044	2.03	2.04	
4,890	317	416048,459	4466290,012	4626,954	0,052	2.10	2.11	
05,768	318	4127371,036	44660055,771	4626,240	0,042	1.98	1.98	
33,858	319	4228923,328	44660510,649	4627,343	0,026	2.46	2.47	
48,835	320	429842,490	4460958,352	4627,716	0,022	2.55	2.55	
76,410	321	431016,221	4461476,189	4624,720	0,021	3.02	3.03	

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

2

ΕΝΤΥΠΟ ΜΕΛΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT	GeoGravGOCE - HFRI
ΗΜΕΡΟΜΗΝΙΑ	10 / 9 /
ΠΑΡΑΤΗΡΗΤΗΣ	Gravlab Team

SENSOR TYPE-S/N	CG5
ANTENNA TYPE-S/N	CG5
Example: Xcode_Antig-980269.5701340.0105 mGal	

ΣΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CG5 reading (mGal)	CG-5 accuracy	δg στο Βαρόν (mGal)	ΕΝΑΡΧΗ	ΑΝΕΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
97,193	322	431936, 728	4461799, 765	4621, 713	0, 028		309	310	
74,357	323	432046898	4461076, 506	4625, 691	0, 030		318	319	
43,848	324	431702, 977	4460074, 466	4630, 998	0, 029		323	324	
19,635	325	431259, 973	4459128, 371	4634, 100	0, 028		329	330	
8,205	326	430615, 285	4458229, 229	4633, 452	0, 068		335	336	
2,000	327	430312, 796	4457606, 810	4633, 200	0, 056		340	341	
7,123	328	431364, 140	4457433, 059	4635, 318	0, 039		346	349	
0,52	329	4322098, 228	4457138, 113	4638, 208	0, 033		352	353	

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

Ε

ΕΠΙΤΡΟΠΗ ΓΕΩΔΗΣΙΑΣ ΚΑΙ ΓΕΩΜΕΤΡΙΩΝ ΜΕΤΡΗΣΕΩΝ

PROJECT: HELLAS  
 ΠΡΟΓΡΑΜΜΑ: GeogravGOCE - HERRI  
 ΠΑΡΑΤΗΡΗΣΗ: GravLab Team

SENSOR TYPE-S/N: CG5  
 ANTENNA TYPE-S/N: CG5  
 Base.stomp.dir: -980269.5701330.0105.mgal

ΣΤΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CG5 reading (mgal)	CG-5 accuracy	δg από Βάση (mgal)	ΕΝΑΡΧΗ	ΑΧΗ	ΠΑΡΑΤΗΡΗΣΗ
29426 330	433033,992	4456937,583	4636,749	0,037		3,50	3,59		
7,721 331	433963,811	4456629,909	4644,936	0,044		4,04	4,05		
5,828 332	434640,856	4456138,217	4646,833	0,062		4,09	4,10		
2,333 333	435795,959	4455738,337	4650,507	0,044		4,15	4,16		
5,438 334	436312,799	4455985,987	4652,141	0,034		4,21	4,22		
11,577 335	436905,685	4455829,150	4653,979	0,038		4,27	4,28		
22,196 336	437370,266	4455805,916	4654,352	0,024		4,34	4,35		
21,249 337	437978,602	44557560,971	4655,622	0,022		4,39	4,40		

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

8



ΕΝΤΥΠΟ ΤΕΛΙΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeoGravGOCE - HFR  
 ΗΜΕΡΟΜΗΝΙΑ: 10/19/2020  
 ΠΑΡΑΤΗΡΗΤΗΣ: Gravidab Team

SENSOR TYPE-S/N  
 ANTENNA TYPE-S/N  
 Example: sample\_name=980269.5701340.0105 mgal

ΣΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CG5 reading (mGal)	CG-5 accuracy	δg από Βόκαν (mGal)	ΕΝΑΡΧΗ	ΑΧΕΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
Mouskura				4657,295	9,019		447	450	
Πακίβι				4699,333	6,023		628	623	
Α118				4699,202	9,015		627	630	
ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:									

9

ΕΝΤΥΠΟ ΜΕΛΕΤΩΣ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT GeogravGOCE - HFRI  
 ΗΜΕΡΟΜΗΝΙΑ 11 / 1 / 2020  
 ΠΑΡΑΤΗΡΗΣΗ GravLab Team

SENSOR TYPE-S/N  
 ANTENNA TYPE-S/N  
 Group: Study\_AntB = 980269.5701330.0105 mgal

CGS  
 CGS5

ΣΤΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CGS reading (mgal)	CG-5 accuracy	6g από Βάρον (mgal)	ΕΝΑΡΧΗ	ΑΧΕΙ	ΠΑΡΑΤΗΡΗΣΕΙΣ
Α10				4699,219	0,013		7.15	7.18	
1152241				4699,321	0,005		7.35	7.38	
03124	338	4173752,733	4499337,274	4664,836	0,012		8.07	8.08	
120107	339	418561,203	4489171,447	4659,844	0,010		8.05	8.16	
145,080	340	419395,912	4489034,070	4658,522	0,011		8.24	8.25	
118,487	341	419343,201	448824,919	4661,371	0,012		8.32	8.33	
113,316	342	419584,202	4498746,167	4659,446	0,016		8.39	8.40	
50,858	343	419293,877	4486555,936	4660,878	0,012		8.44	8.45	

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

1

2

ΕΠΙΘΕΤΟ ΠΡΩΤΟΒΟΥΛΙΑΣ ΓΕΩΓΡΑΦΙΚΗΣ ΠΑΡΑΤΗΡΗΣΗΣ

PROJECT	GeoGravGOCE - HFRI
ΗΜΕΡΟΜΗΝΙΑ ΠΑΡΑΤΗΡΗΣΗΣ	11 / 9 / 2020
Team	GravLab Team

SENSOR TYPE-S/N	
ANTENNA TYPE-S/N	
Range, Std, Ant	-980269, 5701310, 0105 mGal

ΣΤΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CGS reading (mGal)	CG-5 accuracy	hg από Βάση (mGal)	ENAPEN	ANEH	ΠΑΡΑΤΗΡΗΣΕΙΣ
344	36,398	420810,791	4485446,115	4662,200	0,021		852	853	
345	69,900	421201,461	4486205,896	4655,381	0,011		854	858	
346	119,888	421198,144	4486477,066	4655,613	0,010		903	904	
347	50,600	423019,957	4484220,101	4655,293	0,030		918	919	
348	82,165	423890,465	4484767,383	4656,062	0,014		924	925	
349	122,095	424455,698	4485207,526	4658,901	0,013		930	931	
350	06,104	424509,695	4484689,814	4654,220	0,010		938	939	
351	99,873	425366,040	4484552,458	4654,658	0,012		944	945	

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

3

ΕΝΤΥΠΟ ΠΕΛΑΓΙΟΥ ΒΑΡΥΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT	GeoGravGOCE - HFRI		SENSOR TYPE-S/N	CG5
ΗΜΕΡΟΜΗΝΙΑ	11 / 9 / 2020		ANTENNA TYPE-S/N	CG5
ΠΑΡΑΤΗΡΗΤΗΣ	Gravlab Team		Εξοπλισμός-Αριθμ	=980269.5701340.0105 mGal

ΣΤΗΜΕΙΟ	Φ	Γ	CG5 reading (mGal)	CG-5 accuracy	hg από Βόαν (mGal)	ENAPBH	AHEH	ΠΑΡΑΤΗΡΗΣΕΙΣ
102,499	352	426406,234	4484426,902	4658,767	0,016	9.50	9.51	
130,448	353	426819,541	4485117,084	4657,705	0,023	9.55	9.56	
212,586	354	427639,508	4485361,106	4643,390	0,011	10.00	10.01	
285,445	355	428431,091	4485627,639	4627,374	0,011	10.07	10.04	
350,807	356	428627,096	4486642,921	4615,893	0,008	10.13	10.19	
421,938	357	425004,758	4487187,015	4609,833	0,009	10.19	10.20	
497,221	358	428866,461	4488134,584	4587,722	0,010	10.25	10.26	
561,511	359	429285,974	44886139,136	4575,396	0,027	10.31	10.32	

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

42

ΕΝΤΥΠΟ ΜΕΛΙΟΥ ΒΑΡΥΤΗΜΕΤΡΟΥ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT	GeoGravGOCE - HFRI
ΗΜΕΡΟΜΗΝΙΑ	11/21/2020
ΠΑΡΑΤΗΡΗΤΗΣ	GravLab Team

SENSOR TYPE-S/N	CG5
ANTENNA TYPE-S/N	CG5
Example: Jango-980269.5701340.0105 mGal	

ΣΗΜΕΙΟ	φ	ΘΕΣΗ	CG5 reading (mGal)	CG-5 accuracy	δg στο βάθος (mGal)	ΕΝΑΡΧΗ	ΑΝΕΙ	ΠΑΡΑΤΗΡΗΣΕΙΣ
660,643	360	429256,660	4489336,040	4555,286	9,008	10,45	10,46	
666,701	361	429564,689	4490410,281	4554,599	9,016	10,54	10,54	
682,259	362	429684,569	4491385,562	4548,436	9,018	11,05	11,06	
690,786	363	429633,801	4492005,013	4560,757	9,013	11,15	11,16	
596,182	364	430109,546	4492475,094	4523,930	9,011	11,24	11,25	
455,611	365	430590,794	4492932,220	4589,841	9,011	11,35	11,36	
319,219	366	431335,340	4493257,772	4603,608	9,014	11,44	11,45	
315,519	367	431016,386	4493653,005	4615,04	9,018	11,55	11,56	

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

ΕΠΙΤΥΧΟ ΠΕΛΑΓΙΟΥ ΒΑΡΥΜΗΤΡΕΙΟΥ ΠΑΠΑΤΗΡΗΣΕΙΣ

PROJECT ΗΜΕΡΟΜΗΝΙΑ ΠΑΡΑΤΗΡΗΣΗΣ  
 GeogravGOCE - HFRI  
 11 / 9 / 2020  
 GravLab Team

SENSOR TYPE-S/N ANTENNA TYPE-S/N CGS  
 Broyer, Tech, Ang - 980269, 5701340, 0105 mGal

ΣΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CGS reading (mGal)	CG-5 accuracy	φg από βάθμ (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
368	430448,942	4493348,126	4604,120	9,018		12,03	12,04		
369	430460,022	4494840,382	4613,289	9,012		12,25	12,26		
370	430524,862	4495555,014	4620,481	9,022		12,30	12,31		
371	431452,927	4497007,717	4626,544	9,017		12,32	12,36		
372	431894,498	4498016,211	4641,315	9,017		12,44	12,48		
373	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
374	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
375	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
376	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
377	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
378	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
379	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
380	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
381	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
382	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
383	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
384	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
385	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
386	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
387	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
388	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
389	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
390	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
391	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
392	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
393	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
394	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
395	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
396	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
397	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
398	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
399	431192,531	4498565,101	4644,000	9,039		12,49	12,50		
400	431192,531	4498565,101	4644,000	9,039		12,49	12,50		

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

39

40

(5)

ΕΝΤΥΠΟ ΚΕΛΙΟΥ ΒΑΡΥΜΕΤΡΟΥ ΠΑΡΑΤΗΡΗΣΕΩΣ

PROJECT: HMEPOMINIA  
 ΠΑΡΑΤΗΡΗΣΗ: GravLab Team

GeogravGOCE - HFRI  
 9 / 10 / 2020

SENSOR TYPE-S/N  
 ANTENNA TYPE-S/N  
 Example: ANT-980269.5701340.0105 mGal

CG5  
 CG5

ΣΤΗΜΕΙΟ	Φ	Λ	CG5 reading (mGal)	CG-5 accuracy	6g ortho Bdrtn (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
ΑΝΘ			4699,144	0,029		6:39	6:04	
ΜΑΚΚΑΚΙ			4699,858	0,036		7:06	7:11	
314	426457,334	4481347,073	4651,934	0,067		7:51	7:52	
315	427533,146	4481565,446	4655,369	0,072		7:52	7:57	
316	428389,166	4481076,348	4656,865	0,082		8:04	8:05	
317	429246,293	4480505,887	4655,485	0,067		8:10	8:11	
318	430087,768	4480184,913	4653,200	0,032		8:15	8:16	
319	431053,833	4479857,100	4649,233	0,044		8:20	8:21	

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

9,071  
 858  
 924

4  
 66,773 m  
 72,604 m  
 81,377 m  
 93,440 m  
 104,799 m  
 123,691 m

ΕΝΤΥΠΟ ΒΕΛΙΟΥ ΒΑΡΥΜΕΤΡΟΥ ΠΑΡΑΤΗΡΗΣΕΩΣ

PROJECT: GeogravGOCE - HFRI  
 ΗΜΕΡΟΜΗΝΙΑ: 9 / 10 / 2020  
 ΠΑΡΑΤΗΡΗΣΗ: GravLab Team

SENSOR TYPE-S/N: CG5  
 ANTENNA TYPE-S/N: CG5  
 Example: -980269.5701310.0105 mGal

ΣΗΜΕΙΟ	φ	λ	CG5 reading (mGal)	CG-5 accuracy	δg επί το Βέλιον (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
380	432053,463	4449660,480	4644,460	0,032		8:29	8:30	
381	432923,492	4449699,144	4642,492	0,022		8:32	8:33	
382	433992,132	4449591,443	4633,422	0,046		8:40	8:41	
383	434884,092	4449514,444	4625,402	0,024		10:15	10:16	
384	436194,215	4449589,194	4614,408	0,020		10:20	10:21	
385	437203,102	4449350,191	4604,324	0,030		10:24	10:25	
386	438555,228	4449022,439	4598,154	0,025		10:30	10:31	
387	439439,459	4448845,488	4589,433	0,036		10:35	10:36	

ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

#  
 147,804 m  
 143,428 m  
 219,546 m  
 261,229 m  
 306,328 m  
 329,226 m  
 360,310 m  
 389,547 m



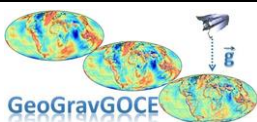
ΕΠΙΣΤΗΜΟΝΙΚΟ ΒΑΡΥΜΕΤΡΟ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeoGravGOCE - HFRI  
 ΗΜΕΡΟΜΗΝΙΑ: 2 / 12 / 2020  
 ΠΑΡΑΤΗΡΗΣΗ: GravLab Team

SENSOR TYPE-S/N: CG5  
 ANTENNA TYPE-S/N: CG5  
 Firm: Indi, App: -980269, 5701340, 0105 mGal

ΣΗΜΕΙΟ	φ	ΘΕΣΗ	λ	CG5 reading (mGal)	CG-5 accuracy	6g error δίκλι (mGal)	ΕΝΑΡΞΗ	ΑΧΕΣ	ΠΑΡΑΤΗΡΗΣΕΙΣ
388	440495,805	44483261,543	4580,536	0,022		10:46	10:47		428,214m
389	441925,363	44489001,118	4569,289	0,022		10:51	10:52		479,435m
390	444836,469	4448942,843	4556,349	0,018		10:54	10:55		538,929m
391	443690,549	4449033,436	4554,936	0,038		11:00	11:01		526,499m
392	444514,940	44489013,444	4560,331	0,038		11:06	11:07		509,095m
393	445444,980	44489264,023	4565,034	0,054		11:10	11:11		473,983m
394	446449,525	44489098,348	4569,499	0,024		11:15	11:16		449,592m
395	444864,044	4448810,866	4543,259	0,023		11:21	11:22		422,291m

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:



ΕΠΙΣΤΗΜΟΝΙΚΟ ΠΡΟΓΡΑΜΜΑ ΓΕΩΓΡΑΦΙΚΗΣ ΓΕΩΔΗΣΙΑΣ

PROJECT: HMEPOMINIA  
 ΠΑΡΑΤΗΡΗΣΗ: Gravlab Team

SENSOR TYPE-S/N: CGS  
 ANTENNA TYPE-S/N: CGS  
 Basepoint: 980269.5701340.0105 mgal

ΣΤΗΝΕΙΟ	φ	λ	CGS reading (mgal)	CG-5 accuracy	δg από Βάση (mgal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
396	449100,922	4478565,161	4564,855	0,038		11:25	11:26	
392	450123,223	4472282,325	4564,229	0,036		11:30	11:31	
393	450918,181	4476627,045	4554,244	0,021		11:36	11:37	
399	450913,505	4475433,862	4552,568	0,022		11:47	11:48	
400	450295,165	4474402,462	4559,330	0,026		11:53	11:54	
401	450251,259	4473246,456	4548,234	0,025		11:52	11:58	
402	450228,214	4472946,529	4532,913	0,022		12:03	12:04	
403	451224,215	4471629,089	4543,384	0,019		12:09	12:09	

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

L

473,332  
 473,686  
 522,292  
 518,182  
 512,533  
 573,552  
 632,938  
 609,462

ΕΠΙΤΗΡΙΣΗ ΓΕΩΔΗΣΙΑΣ - ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT: GeograGOCE - HFRI  
 ΗΜΕΡΟΜΗΝΙΑ: 10 / 10 / 2020  
 ΠΑΡΑΤΗΡΗΣΗ: GravLab Team

SENSOR TYPE-S/N: CG5  
 ANTENNA TYPE-S/N: CG5  
 Base: Zeepland-980269,5701330,0105 mgal

ΣΗΜΕΙΟ	φ	λ	CG5 reading (mgal)	CG-5 accuracy	Bg and Bdon (mgal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
404	451992,582	4471009,078	4551,124	0,028		12:13	12:14	
405	452685,008	44702270,128	4551,958	0,020		12:19	12:20	
406	453285,388	4469611,644	4552,690	0,025		12:24	12:25	
407	453970,040	4468218,280	4565,593	0,019		12:31	12:32	
408	452353,438	4467936,431	4580,826	0,024		12:38	12:39	
409	452425,082	4467121,538	4584,348	0,015		12:42	12:44	
410	452959,424	4466334,091	4601,130	0,034		12:47	12:48	
411	453382,268	4465347,885	4621,410	0,016		12:52	12:53	

ΓΕΝΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:

H  
 571, 510 ~  
 579, 478 ~  
 571, 102 ~  
 526, 998 ~  
 479, 711 ~  
 430, 602 ~  
 410, 824 ~  
 336, 129 ~

ΕΠΙΘΕΤΟ ΓΕΩΔΗΣΙΑΣ ΒΑΡΥΜΕΤΡΙΑΣ ΠΑΡΑΤΗΡΗΣΕΙΣ

PROJECT	GeoGravGOCE - HFRI
ΗΜΕΡΟΜΗΝΙΑ	9 / 10 / 2020
ΠΑΡΑΤΗΡΗΤΗΣ	GravLab Team

SENSOR TYPE-S/N	CG5
ANTENNA TYPE-S/N	CG5
Serial, Model, Ant	-980269 5701330 0105 mgal

ΣΤΗΜΕΙΟ	φ	λ	CG5 reading (mgal)	CG-5 accuracy	δg από Bdotn (mgal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
412	453342,174	4464286,021	4642,194	0,024		12:58	12:57	
413	454206,575	4463736,249	4652,166	0,021		13:03	13:04	
414	455341,925	4463166,059	4652,821	0,015		13:09	13:10	
415	456578,376	4462295,496	4646,604	0,013		13:14	13:15	
416	457571,190	4462207,582	4657,197	0,011		13:20	13:21	
417	458275,167	4461289,102	4671,268	0,013		13:26	13:27	
418	458676,759	4461037,371	4671,888	0,016		13:31	13:32	
419	459526,104	4460511,557	4674,590	0,019		13:36	13:37	

#  
 267,812  
 229,702  
 257,248  
 216,732  
 156,821  
 148,877  
 127,419

PROJECT		GeoGravGOCE - HFRI		SENSOR TYPE-S/N		CGS		
ΗΜΕΡΟΜΗΝΙΑ		9 / 10 / 2020		ANTENNA TYPE-S/N		CGS		
ΠΑΡΑΤΗΡΗΣΗ		GravLab Team		Group: readp_lang=980269.5701340.0105 mGal				
ΣΤΗΜΕΙΟ	φ	λ	CGS reading (mGal)	CG-S accuracy	δg από Βάση (mGal)	ΕΝΑΡΞΗ	ΛΗΞΗ	ΠΑΡΑΤΗΡΗΣΕΙΣ
490	460219,298	4460144,069	4685,531	0,019		13:41	13:42	
491	461135,509	4459959,480	4690,890	0,014		13:47	13:48	
ΠΑΛΑΥΚΙ			4699,999	0,024		16:09	16:10	
ΑΝΘ			4699,822	0,025		16:29	16:32	
ΤΕΛΙΚΕΣ ΠΑΡΑΤΗΡΗΣΕΙΣ:								

68,001 m  
24,923 m

Figure 1: Gravity measurements draft papers

#### 1.4 Concluding remarks

This annex includes all the raw gravity data collected from CG-5 and draft papers where measurements are written for DL2210.